

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131259.D
 Acq On : 16 Nov 2022 11:52
 Operator : CG\JU
 Sample : PB148810BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148810BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 22:12:42 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	6.974	152	98097	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	354941	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	204741	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	374165	20.000	ng	# 0.00
76) Chrysene-d12	14.186	240	249394	20.000	ng	0.00
86) Perylene-d12	15.727	264	186618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	736041	132.863	ng	0.02
7) Phenol-d6	6.592	99	930996	132.685	ng	0.00
23) Nitrobenzene-d5	7.545	82	605033	95.679	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	267473	136.766	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1138370	81.366	ng	0.00
79) Terphenyl-d14	13.127	244	1382292	95.181	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.892	88	91187	35.928	ng	98
3) Pyridine	3.634	79	242727	33.835	ng	99
4) n-Nitrosodimethylamine	3.610	42	179952	43.036	ng	# 98
6) Aniline	6.633	93	248295m	28.212	ng	
8) 2-Chlorophenol	6.757	128	274275	44.043	ng	97
9) Benzaldehyde	6.522	77	49974	9.819	ng	98
10) Phenol	6.604	94	331472	42.229	ng	93
11) bis(2-Chloroethyl)ether	6.710	93	258389	42.042	ng	99
12) 1,3-Dichlorobenzene	6.916	146	290652	41.255	ng	99
13) 1,4-Dichlorobenzene	6.992	146	293931	41.253	ng	98
14) 1,2-Dichlorobenzene	7.145	146	284919	43.265	ng	100
15) Benzyl Alcohol	7.116	79	217562m	35.696	ng	
16) 2,2'-oxybis(1-Chloropr...	7.245	45	495133	42.772	ng	100
17) 2-Methylphenol	7.222	107	229137	43.100	ng	98
18) Hexachloroethane	7.492	117	112784	43.542	ng	96
19) n-Nitroso-di-n-propyla...	7.392	70	204923	41.913	ng	99
20) 3+4-Methylphenols	7.374	107	288940	42.017	ng	91
22) Acetophenone	7.386	105	395478	42.744	ng	99
24) Nitrobenzene	7.563	77	309384	45.321	ng	99
25) Isophorone	7.804	82	560530	44.370	ng	98
26) 2-Nitrophenol	7.880	139	124576	45.763	ng	99
27) 2,4-Dimethylphenol	7.910	122	273713	52.933	ng	96
28) bis(2-Chloroethoxy)met...	8.010	93	320326	44.974	ng	98
29) 2,4-Dichlorophenol	8.116	162	234609	41.955	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	266795	40.693	ng	99
31) Naphthalene	8.292	128	762959	39.675	ng	100
32) Benzoic acid	8.027	122	153652m	42.017	ng	
33) 4-Chloroaniline	8.333	127	95589	12.627	ng	97
34) Hexachlorobutadiene	8.404	225	169131	40.759	ng	99
35) Caprolactam	8.704	113	74418m	45.032	ng	
36) 4-Chloro-3-methylphenol	8.816	107	256490	43.575	ng	94
37) 2-Methylnaphthalene	8.986	142	520838	40.667	ng	99
38) 1-Methylnaphthalene	9.086	142	493856	39.766	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	270796	41.078	ng	98
41) Hexachlorocyclopentadiene	9.133	237	342801	101.458	ng	95
43) 2,4,6-Trichlorophenol	9.257	196	153766	35.678	ng	98

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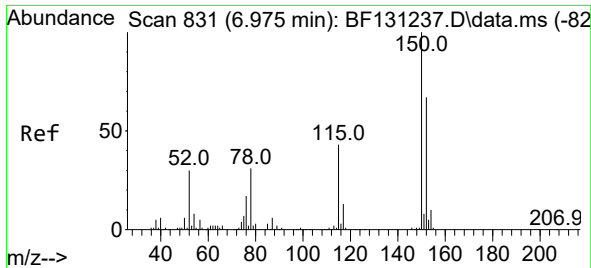
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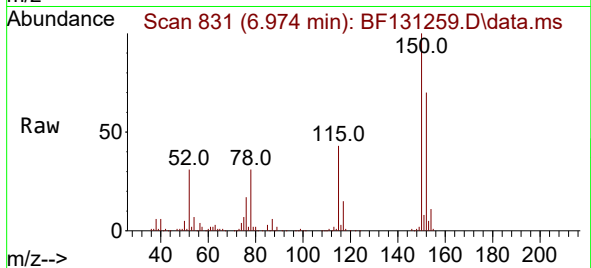
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	204999	44.325	ng	99
46) 1,1'-Biphenyl	9.451	154	643102	40.860	ng	99
47) 2-Chloronaphthalene	9.474	162	511411	40.110	ng	100
48) 2-Nitroaniline	9.568	65	182798	44.959	ng	97
49) Acenaphthylene	9.898	152	785560	40.347	ng	99
50) Dimethylphthalate	9.757	163	600569	40.964	ng	100
51) 2,6-Dinitrotoluene	9.816	165	126611	44.272	ng	93
52) Acenaphthene	10.068	154	539514	44.393	ng	97
53) 3-Nitroaniline	9.980	138	69663	24.124	ng	94
54) 2,4-Dinitrophenol	10.092	184	109016	82.631	ng	95
55) Dibenzofuran	10.245	168	694880	39.907	ng	99
56) 4-Nitrophenol	10.139	139	184472	79.970	ng	92
57) 2,4-Dinitrotoluene	10.221	165	163699	46.040	ng	93
58) Fluorene	10.586	166	548783	40.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.357	232	163450	41.717	ng	99
60) Diethylphthalate	10.457	149	579526	41.817	ng	98
61) 4-Chlorophenyl-phenyle...	10.580	204	284429	41.982	ng	94
62) 4-Nitroaniline	10.610	138	121320	40.445	ng	95
63) Azobenzene	10.739	77	586512	40.422	ng	98
65) 4,6-Dinitro-2-methylph...	10.627	198	66683	41.017	ng	82
66) n-Nitrosodiphenylamine	10.698	169	487191	40.983	ng	99
67) 4-Bromophenyl-phenylether	11.068	248	183887	41.857	ng	97
68) Hexachlorobenzene	11.133	284	195925	41.151	ng	98
69) Atrazine	11.227	200	168198	43.166	ng	97
70) Pentachlorophenol	11.327	266	222534	80.079	ng	97
71) Phenanthrene	11.557	178	826334	40.017	ng	100
72) Anthracene	11.610	178	837518	41.519	ng	99
73) Carbazole	11.762	167	740975	41.037	ng	99
74) Di-n-butylphthalate	12.092	149	873029	41.545	ng	99
75) Fluoranthene	12.751	202	919937	40.395	ng	100
77) Benzidine	12.874	184	180817	33.833	ng	99
78) Pyrene	12.986	202	936078	43.542	ng	98
80) Butylbenzylphthalate	13.603	149	341526	46.876	ng	97
81) Benzo(a)anthracene	14.174	228	709008	40.907	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	158082	31.170	ng	97
83) Chrysene	14.215	228	670970	39.738	ng	100
84) Bis(2-ethylhexyl)phtha...	14.162	149	418691	45.693	ng	98
85) Di-n-octyl phthalate	14.792	149	569455	43.978	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	551042	44.696	ng	99
88) Benzo(b)fluoranthene	15.274	252	563454	43.245	ng	98
89) Benzo(k)fluoranthene	15.303	252	544765	42.176	ng	99
90) Benzo(a)pyrene	15.662	252	476321	45.732	ng	98
91) Dibenzo(a,h)anthracene	17.344	278	464172	45.890	ng	99
92) Benzo(g,h,i)perylene	17.803	276	455698	40.839	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.974 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

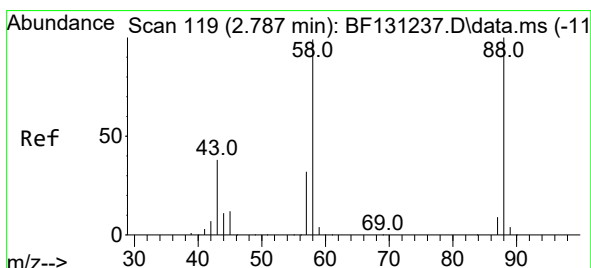
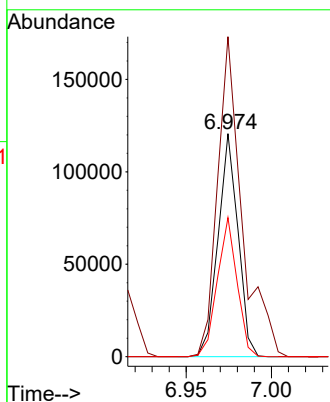
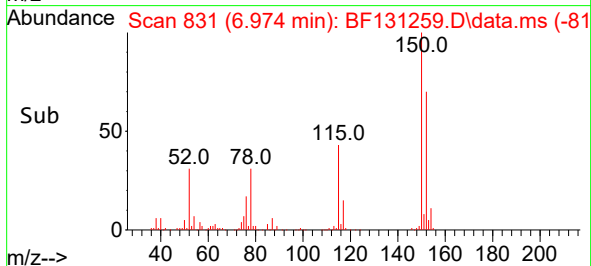
Instrument :
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PB148810BS



Tgt Ion:152 Resp: 9809
Ion Ratio Lower Upper
152 100
150 143.5 120.2 180.4
115 62.4 51.8 77.8

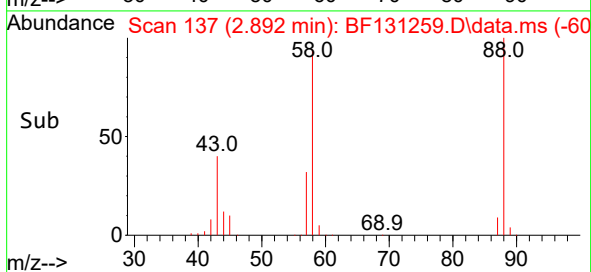
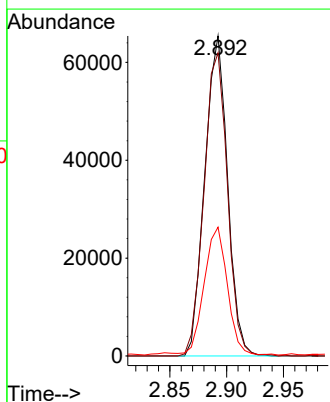
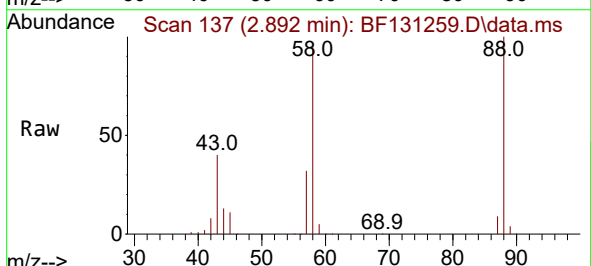
Manual Integrations
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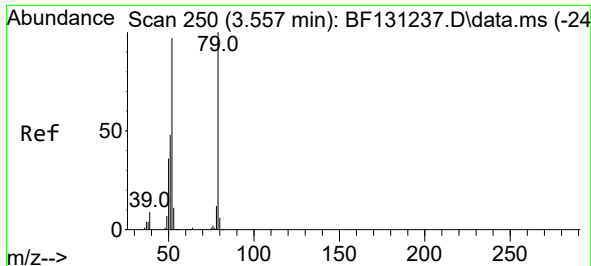
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#2
1,4-Dioxane
Concen: 35.928 ng
RT: 2.892 min Scan# 137
Delta R.T. 0.106 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

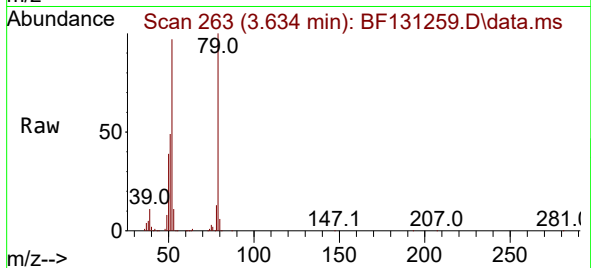
Tgt Ion: 88 Resp: 91187
Ion Ratio Lower Upper
88 100
58 97.6 77.1 115.7
43 40.7 31.3 46.9





#3
Pyridine
Concen: 33.835 ng
RT: 3.634 min Scan# 20
Delta R.T. 0.076 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

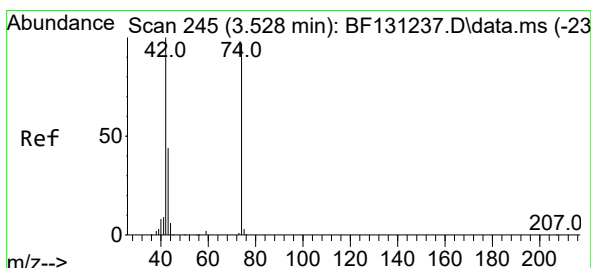
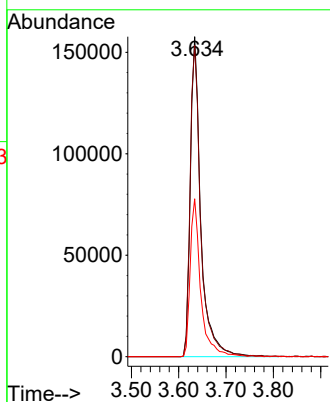
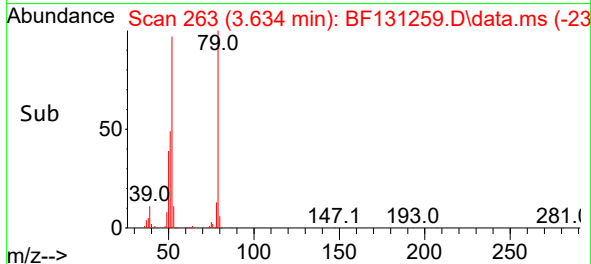
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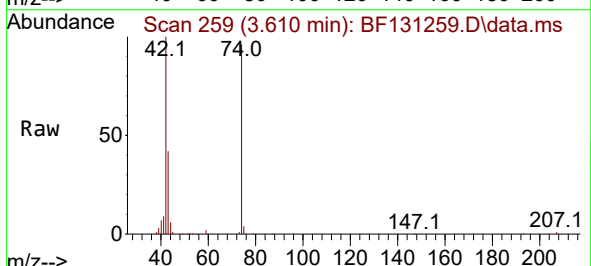
Tgt Ion: 79 Resp: 24272
Ion Ratio Lower Upper
79 100
52 97.2 77.7 116.5
51 49.4 38.7 58.1

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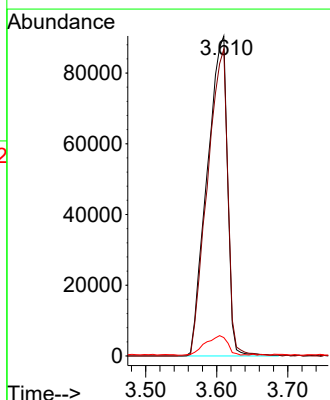
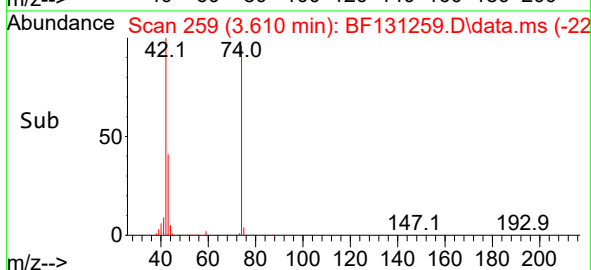
Reviewed By :Christian Giraldo 11/17/2022
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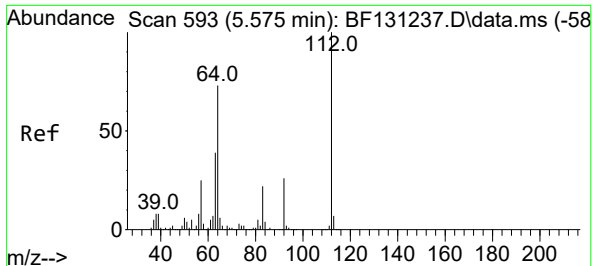


#4
n-Nitrosodimethylamine
Concen: 43.036 ng
RT: 3.610 min Scan# 259
Delta R.T. 0.082 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion: 42 Resp: 179952
Ion Ratio Lower Upper
42 100
74 95.9 77.8 116.6
44 5.7 5.9 8.9





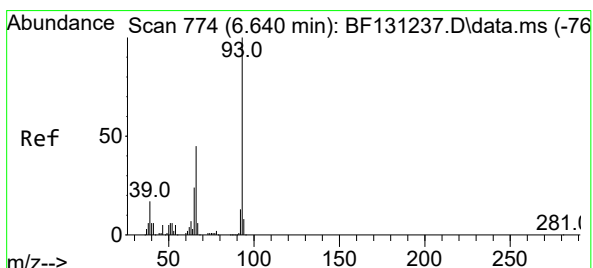
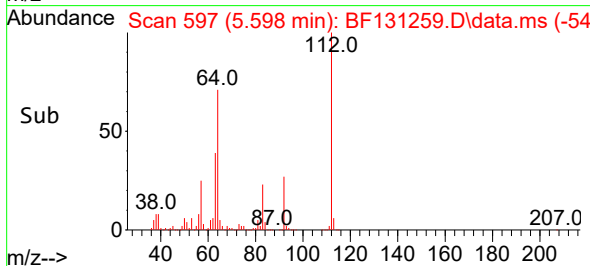
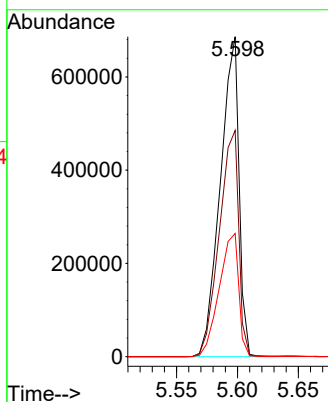
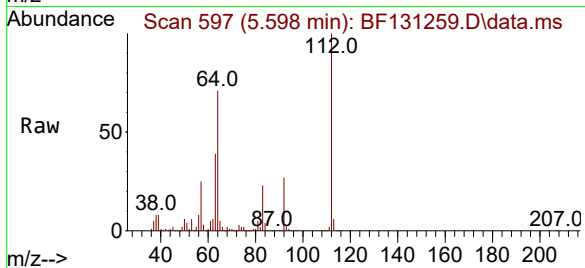
#5
2-Fluorophenol
Concen: 132.863 ng
RT: 5.598 min Scan# 593
Delta R.T. 0.023 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 73604
Ion Ratio Lower Upper
112 100
64 70.7 58.4 87.6
63 38.5 31.6 47.4

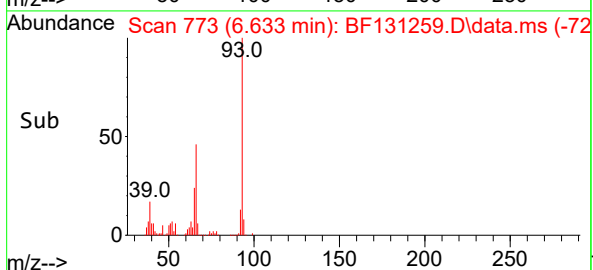
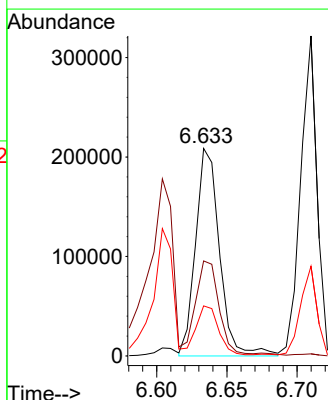
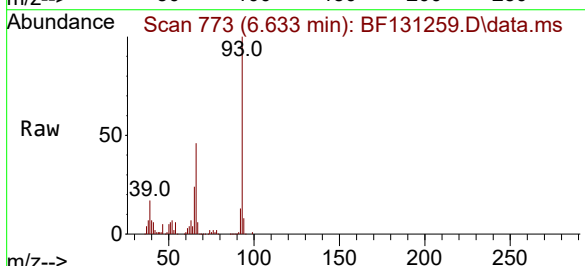
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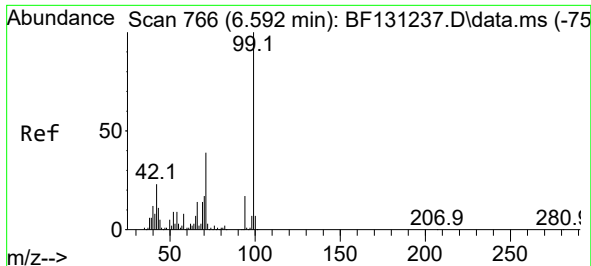
Reviewed By :Christian Giraldo 11/17/2022
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#6
Aniline
Concen: 28.212 ng m
RT: 6.633 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

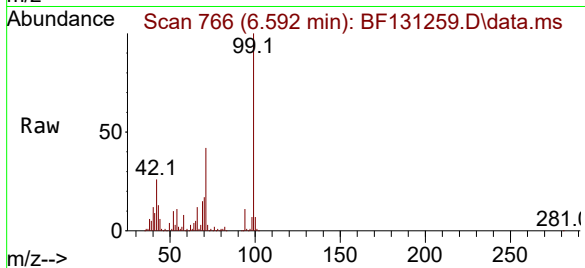
Tgt Ion: 93 Resp: 248295
Ion Ratio Lower Upper
93 100
66 45.8 36.6 55.0
65 24.1 19.3 28.9





#7
Phenol-d6
Concen: 132.685 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

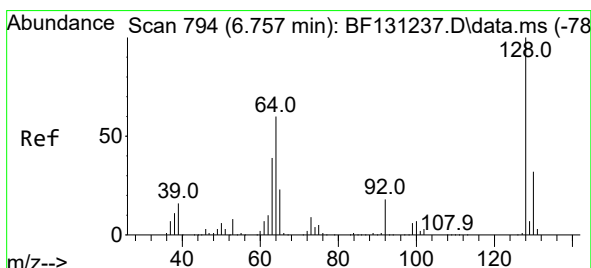
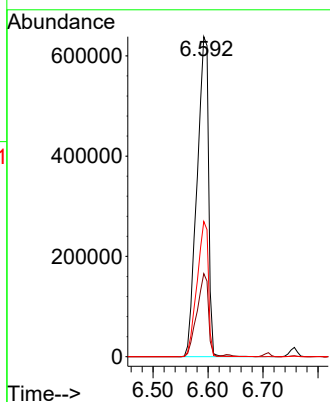
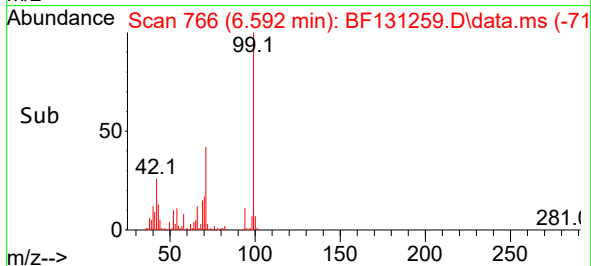
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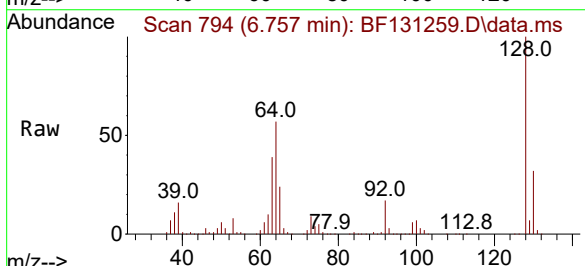
Tgt Ion: 99 Resp: 930990
Ion Ratio Lower Upper
99 100
42 25.9 18.6 28.0
71 42.3 31.1 46.7

Manual Integrations
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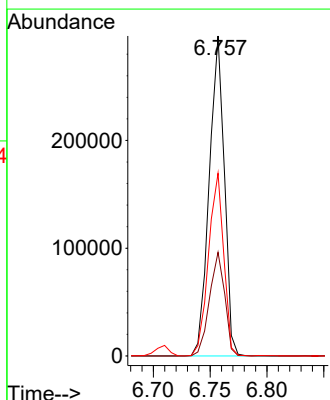
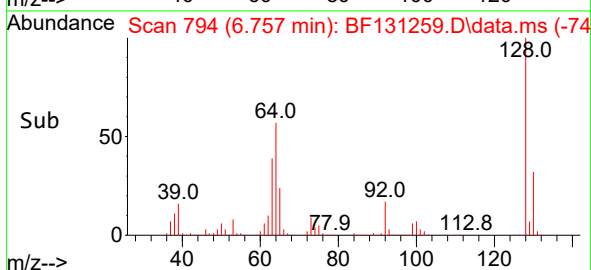
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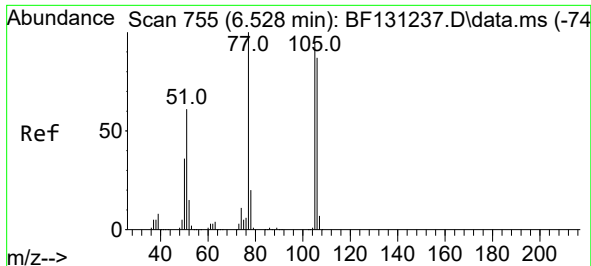


#8
2-Chlorophenol
Concen: 44.043 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



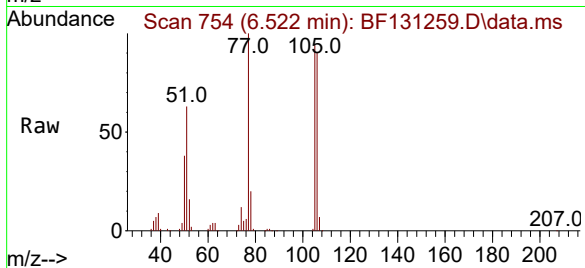
Tgt Ion:128 Resp: 274275
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 57.1 40.1 80.1





#9
Benzaldehyde
Concen: 9.819 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

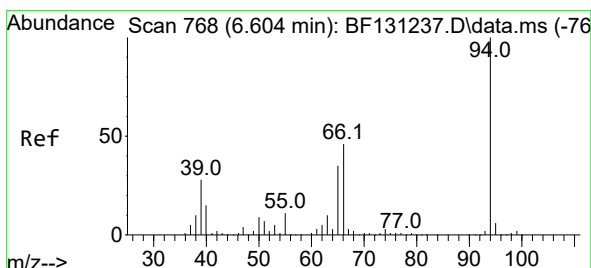
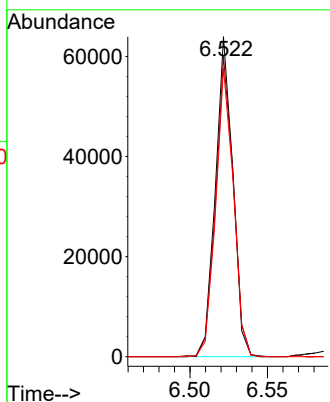
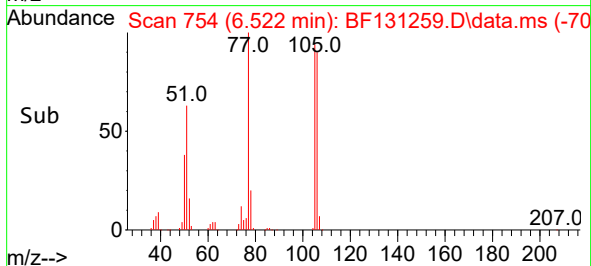
Instrument :
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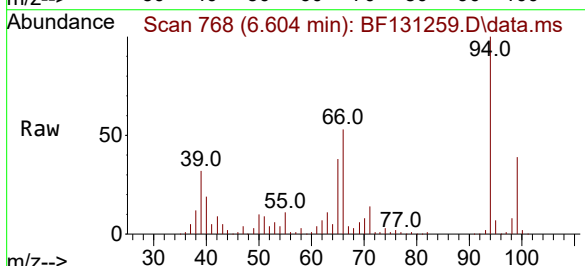
Tgt Ion: 77 Resp: 49974
Ion Ratio Lower Upper
77 100
105 93.8 74.8 114.8
106 90.2 67.3 107.3

Manual Integrations
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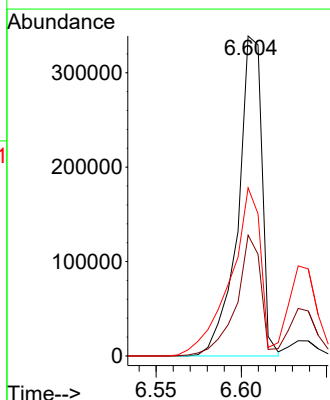
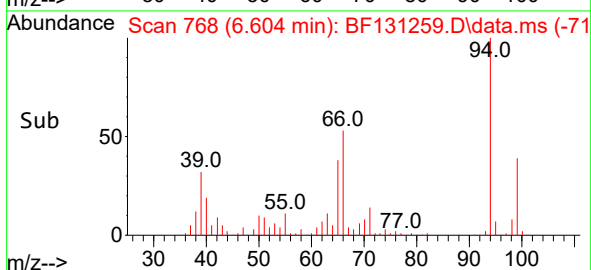
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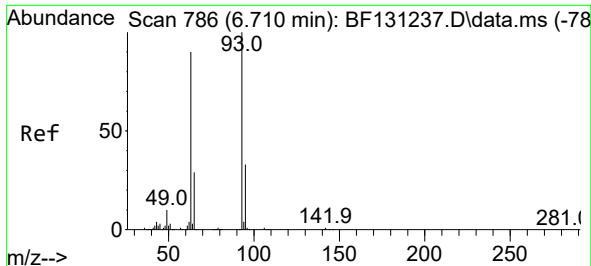


#10
Phenol
Concen: 42.229 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF131259.D
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Tgt Ion: 94 Resp: 331472
Ion Ratio Lower Upper
94 100
65 37.8 14.8 54.8
66 52.5 26.5 66.5





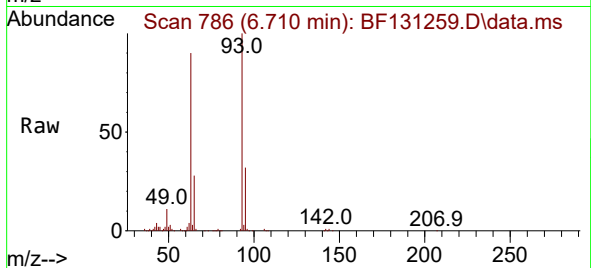
#11
bis(2-Chloroethyl)ether
Concen: 42.042 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

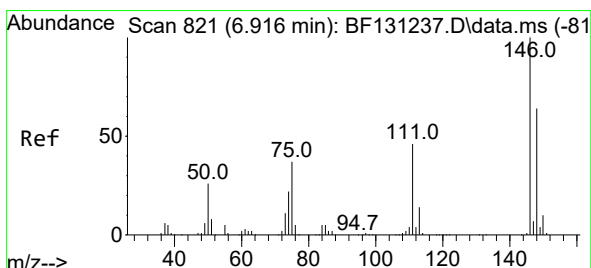
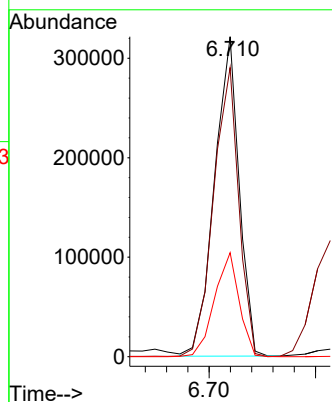
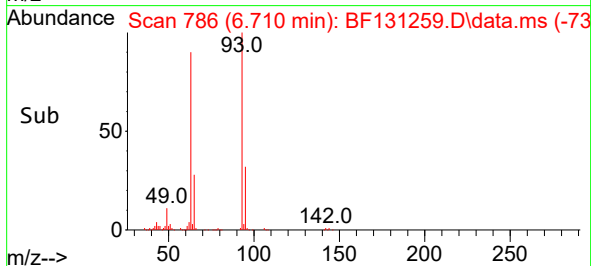


Tgt Ion: 93 Resp: 258389
Ion Ratio Lower Upper
93 100
63 90.4 69.8 109.8
95 32.5 13.4 53.4

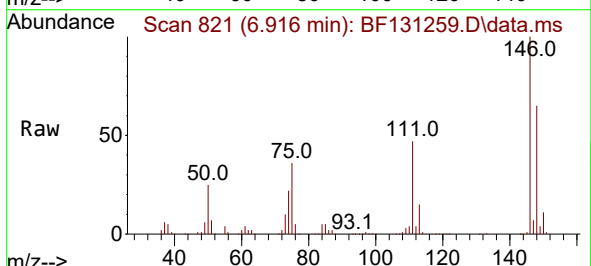
Manual Integrations

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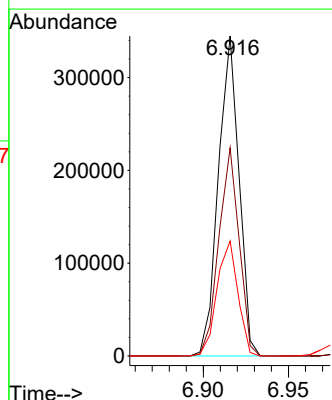
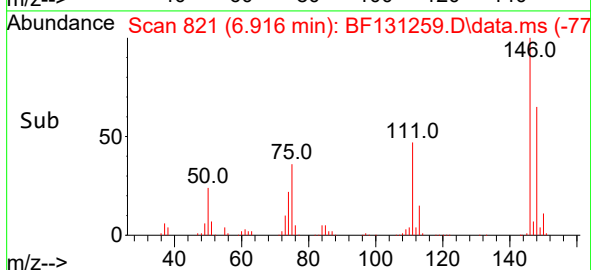
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

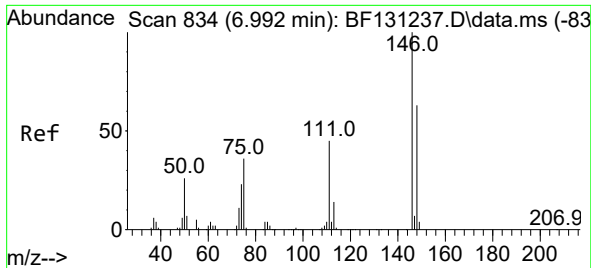


#12
1,3-Dichlorobenzene
Concen: 41.255 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:146 Resp: 290652
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.6
75 35.9 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 41.253 ng

RT: 6.992 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF131259.D

Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

Tgt Ion:146 Resp: 29393

Ion Ratio Lower Upper

146 100

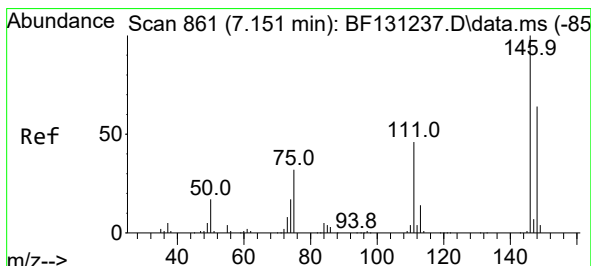
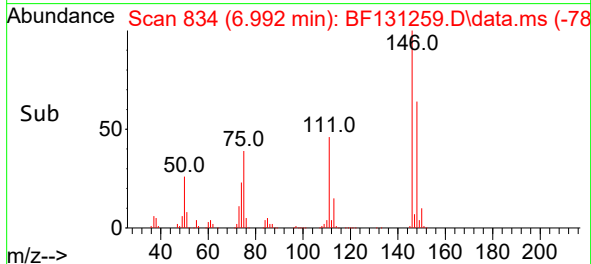
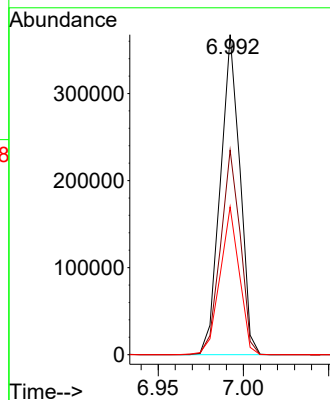
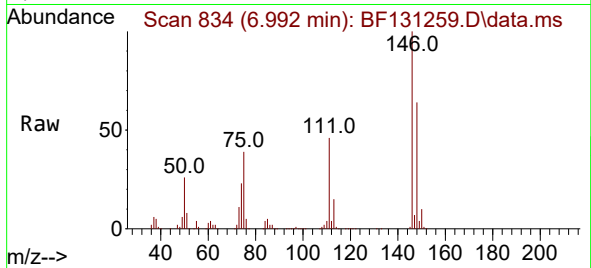
148 64.0 50.1 75.1

111 46.2 36.3 54.5

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 43.265 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF131259.D

Acq: 16 Nov 2022 11:52

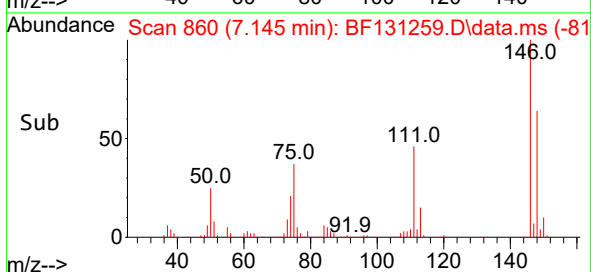
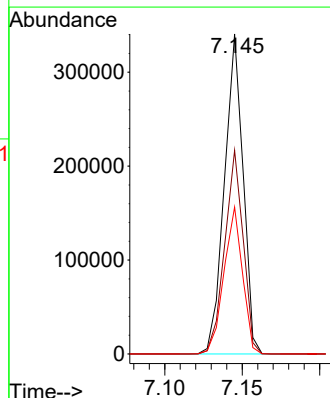
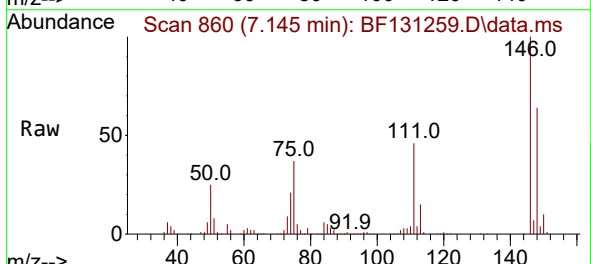
Tgt Ion:146 Resp: 284919

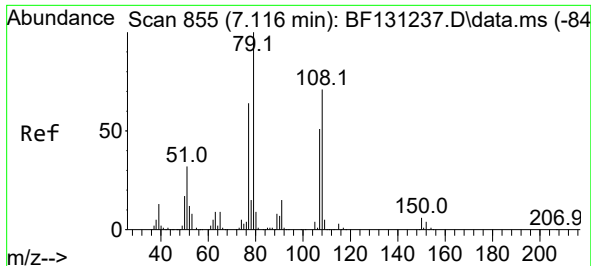
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

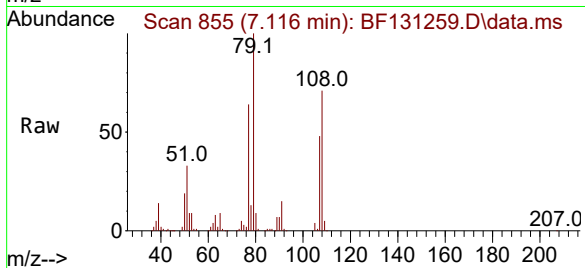
111 45.9 36.9 55.3





#15
Benzyl Alcohol
Concen: 35.696 ng m
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

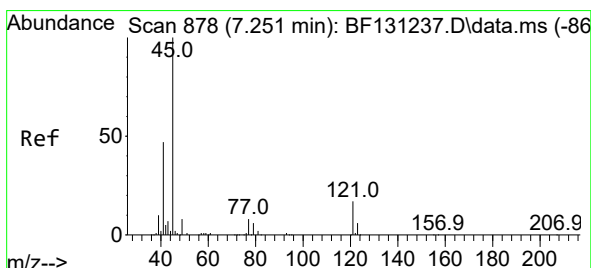
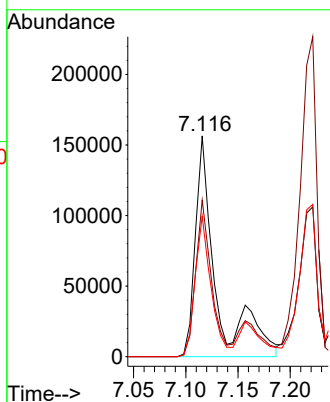
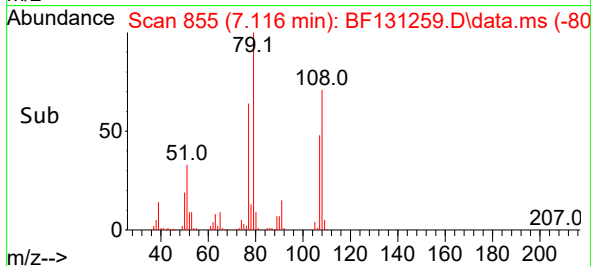
Instrument :
BNA_F
ClientSampleId :
PB148810BS



Tgt Ion: 79 Resp: 217562
Ion Ratio Lower Upper
79 100
108 70.9 56.7 85.1
77 63.6 51.4 77.2

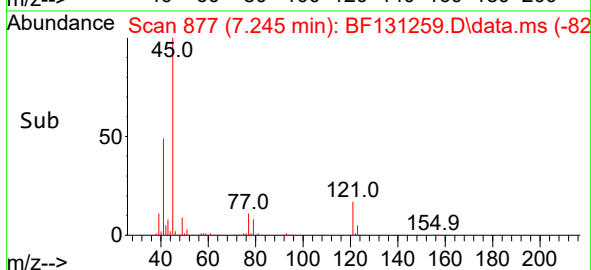
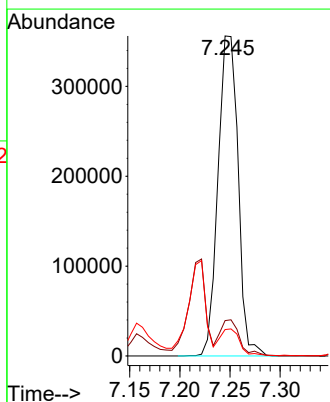
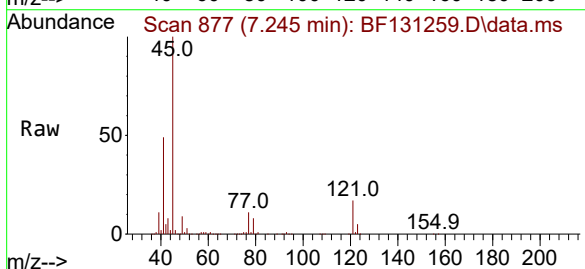
Manual Integrations
APPROVED

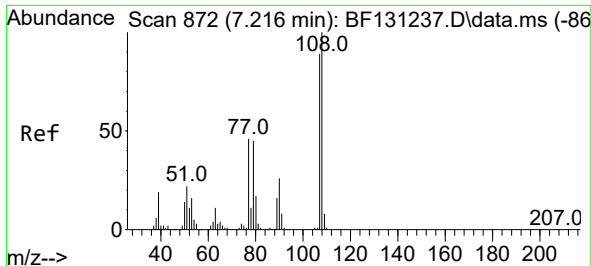
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.772 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

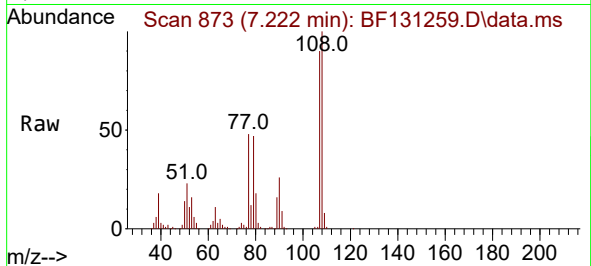
Tgt Ion: 45 Resp: 495133
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.0
79 8.2 0.0 28.5





#17
2-Methylphenol
Concen: 43.100 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

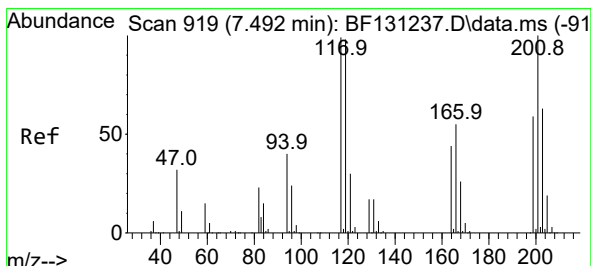
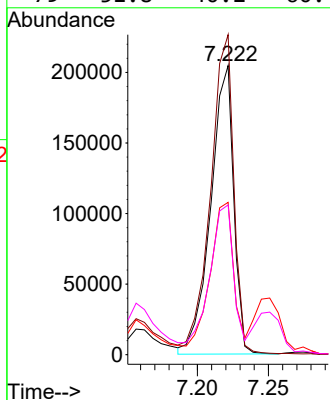
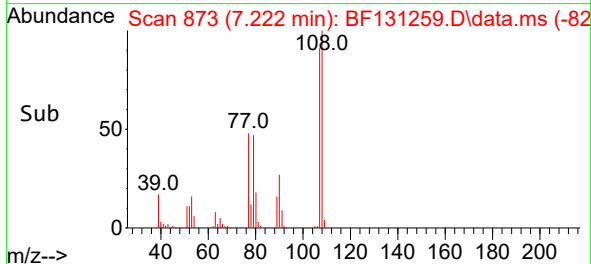
Instrument :
BNA_F
ClientSampleId :
PB148810BS



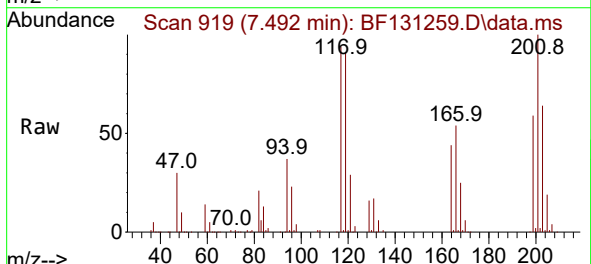
Tgt Ion:107 Resp: 22913
Ion Ratio Lower Upper
107 100
108 110.7 89.8 134.6
77 52.7 41.4 62.0
79 51.8 40.2 60.4

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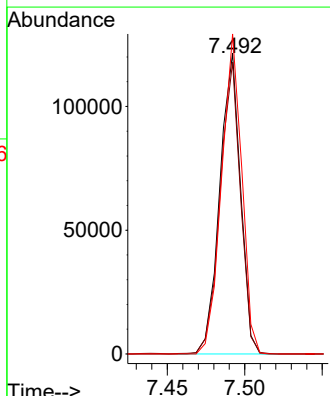
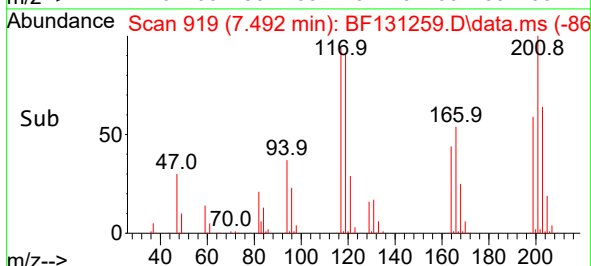
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

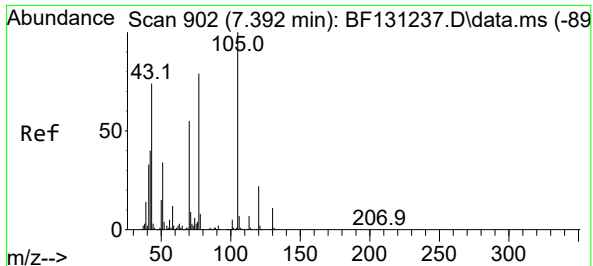


#18
Hexachloroethane
Concen: 43.542 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:117 Resp: 112784
Ion Ratio Lower Upper
117 100
119 97.1 79.0 118.6
201 106.4 80.9 121.3





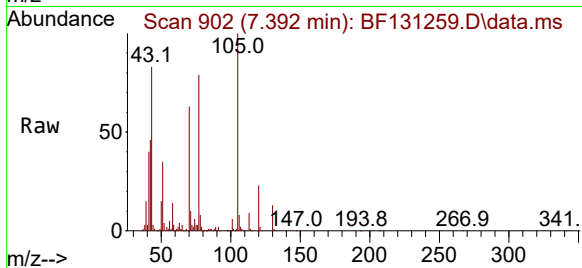
#19
n-Nitroso-di-n-propylamine
Concen: 41.913 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

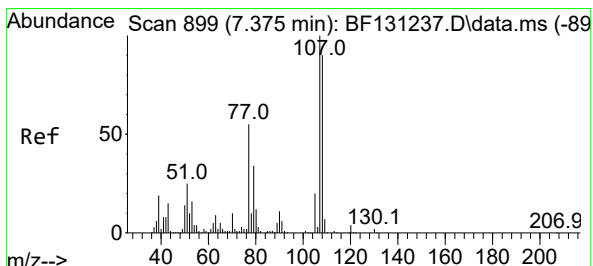
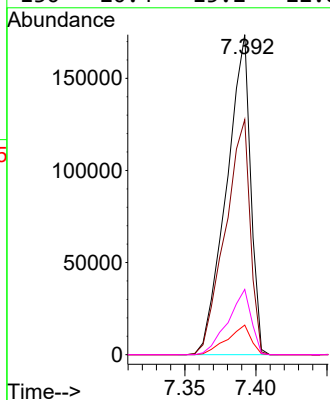
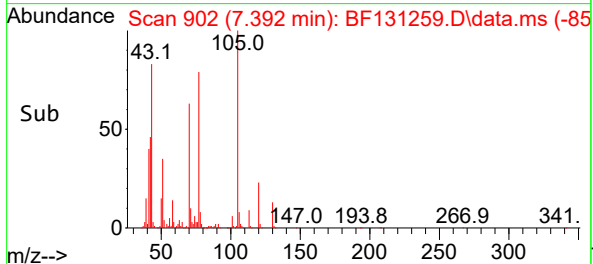
PB148810BS



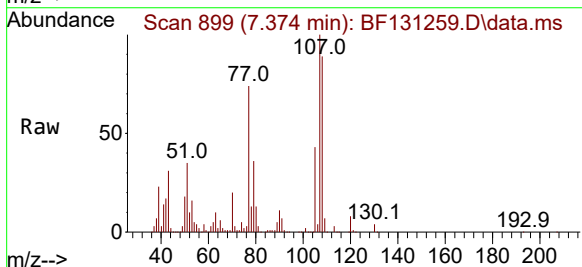
Tgt Ion: 70 Resp: 20492.0
Ion Ratio Lower Upper
70 100
42 73.4 58.3 87.5
101 9.3 7.2 10.8
130 20.4 15.2 22.8

Manual Integrations
APPROVED

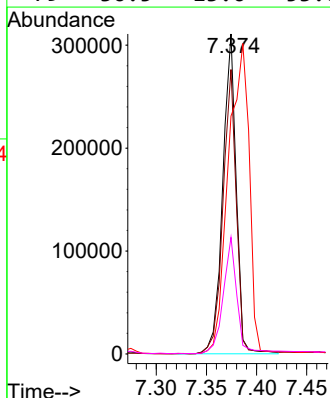
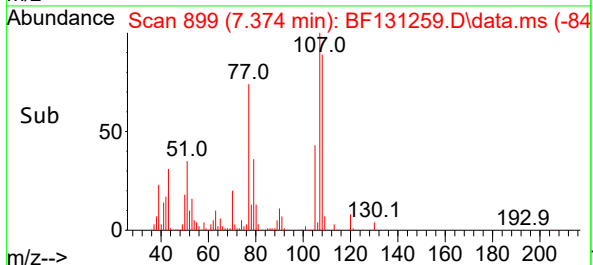
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

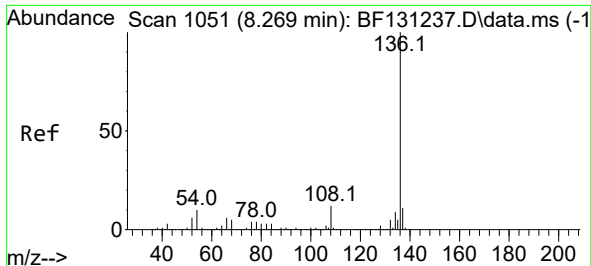


#20
3+4-Methylphenols
Concen: 42.017 ng
RT: 7.374 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:107 Resp: 288940
Ion Ratio Lower Upper
107 100
108 88.9 69.5 109.5
77 74.4 35.3 75.3
79 36.5 13.6 53.6





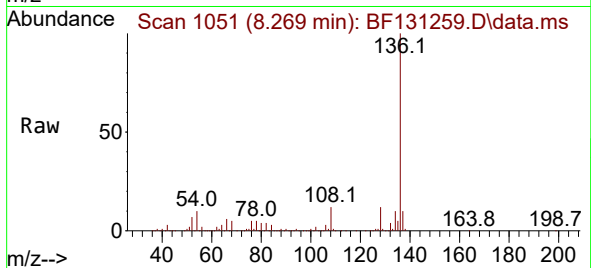
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

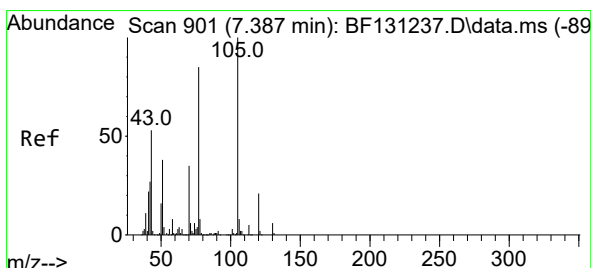
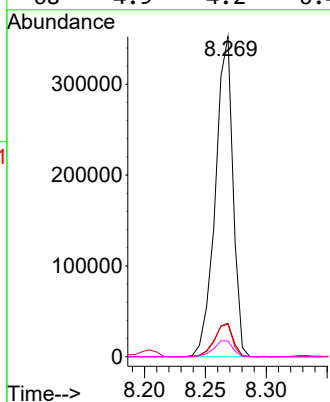
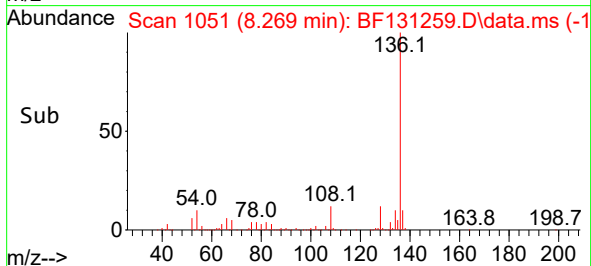


Tgt Ion:136 Resp: 35494
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 10.1 7.8 11.8
68 4.9 4.2 6.4

Manual Integrations

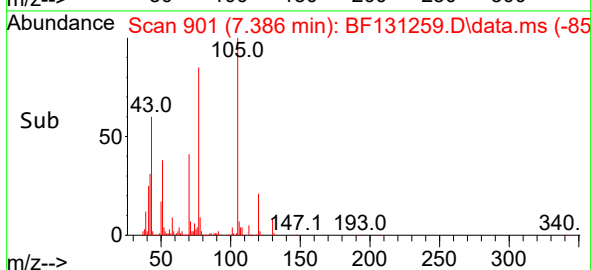
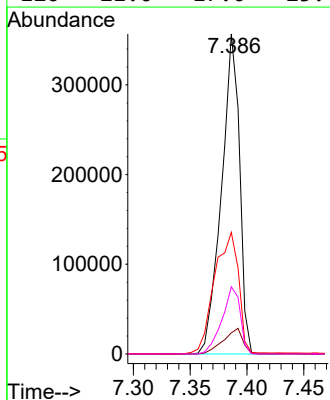
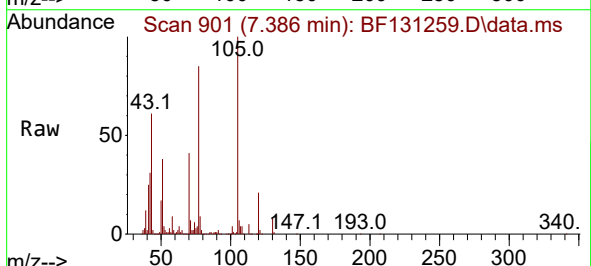
APPROVED

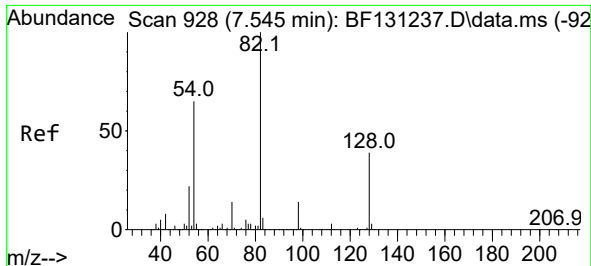
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#22
Acetophenone
Concen: 42.744 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion:105 Resp: 395478
Ion Ratio Lower Upper
105 100
71 6.6 4.7 7.1
51 38.0 30.2 45.2
120 21.0 17.0 25.4





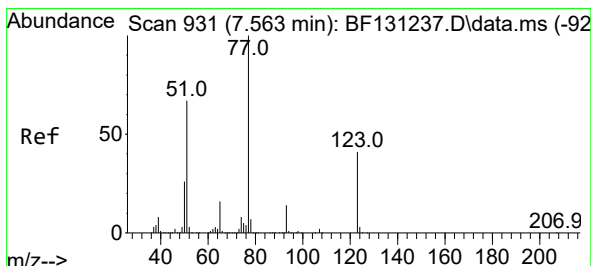
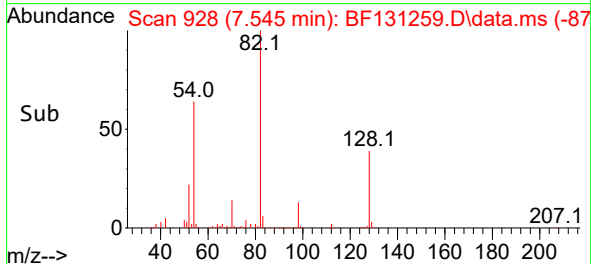
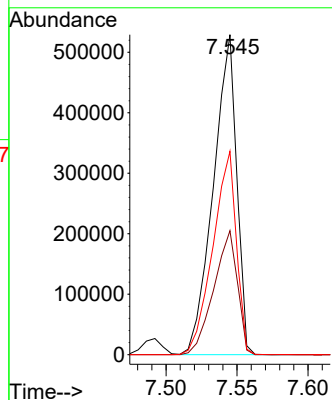
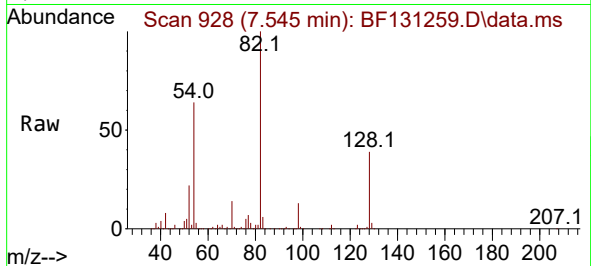
#23
Nitrobenzene-d5
Concen: 95.679 ng
RT: 7.545 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :
BNA_F
ClientSampleId :
PB148810BS

Tgt Ion: 82 Resp: 60503
Ion Ratio Lower Upper
82 100
128 38.8 31.1 46.7
54 63.6 51.8 77.6

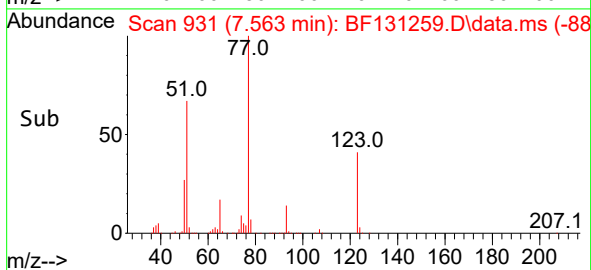
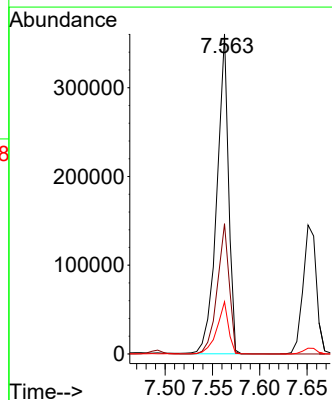
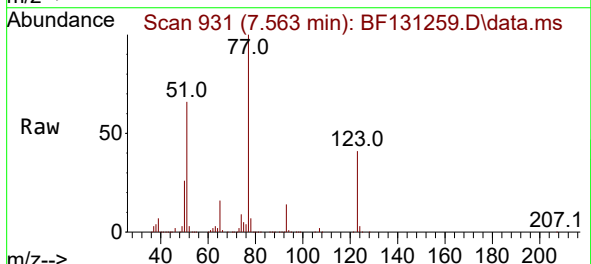
Manual Integrations
APPROVED

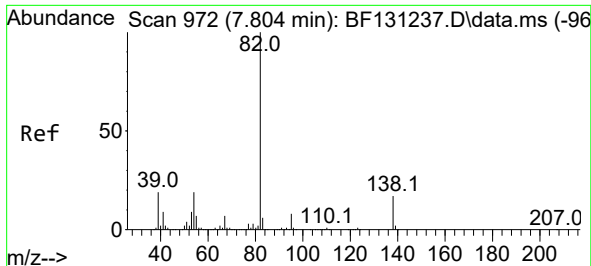
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#24
Nitrobenzene
Concen: 45.321 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion: 77 Resp: 309384
Ion Ratio Lower Upper
77 100
123 40.7 33.2 49.8
65 16.3 13.0 19.4





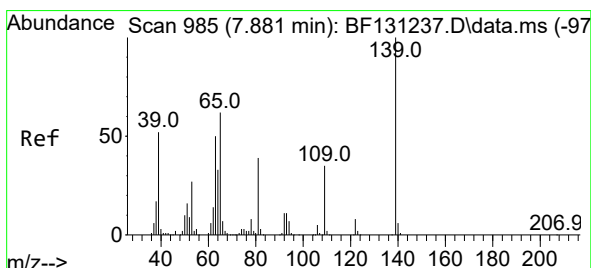
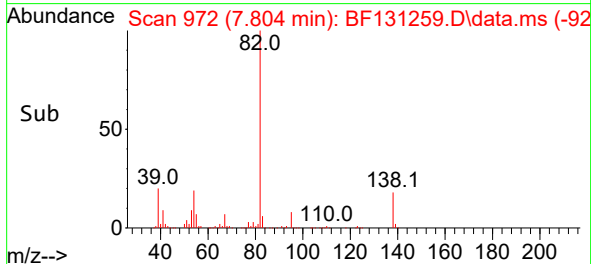
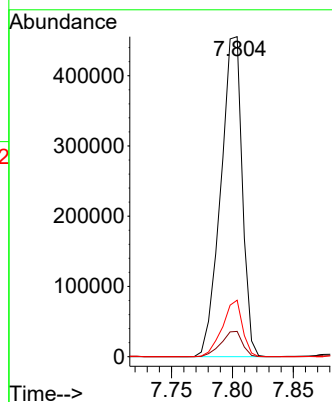
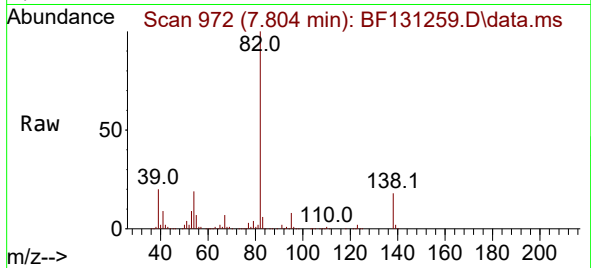
#25
Isophorone
Concen: 44.370 ng
RT: 7.804 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :
BNA_F
ClientSampleId :
PB148810BS

Tgt Ion: 82 Resp: 560530
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 17.7 13.4 20.0

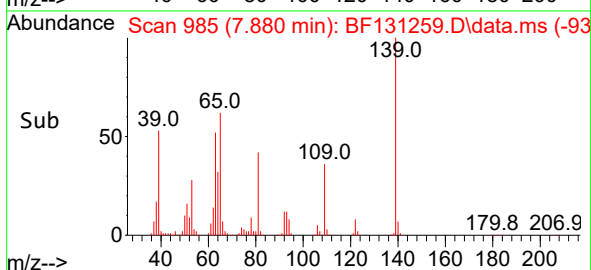
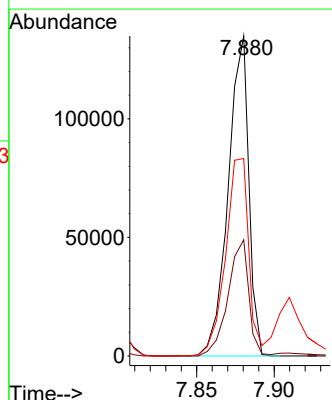
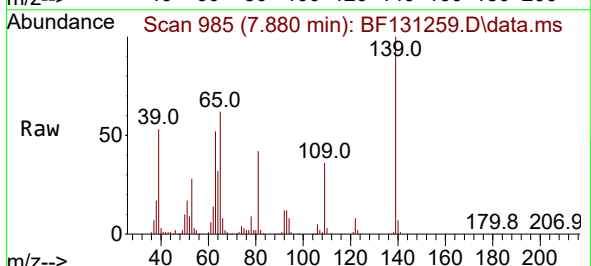
Manual Integrations
APPROVED

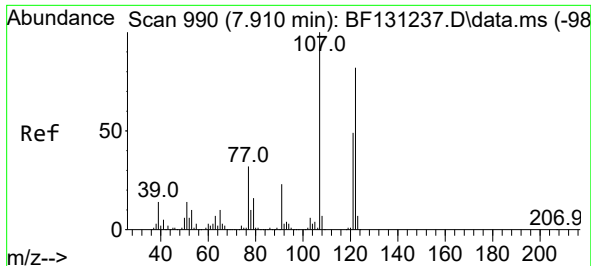
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#26
2-Nitrophenol
Concen: 45.763 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.001 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion:139 Resp: 124576
Ion Ratio Lower Upper
139 100
109 36.3 28.0 42.0
65 61.7 49.3 73.9





#27

2,4-Dimethylphenol

Concen: 52.933 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF131259.D

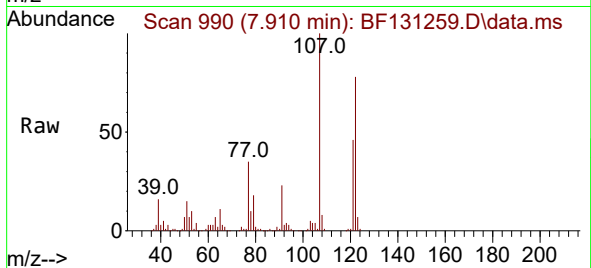
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS



Tgt Ion:122 Resp: 27371

Ion Ratio Lower Upper

122 100

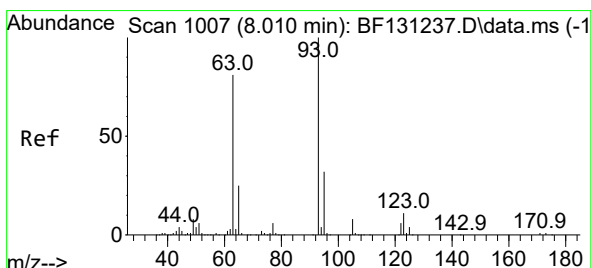
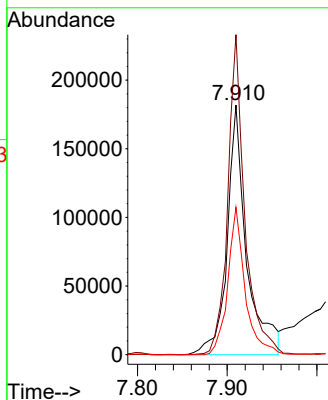
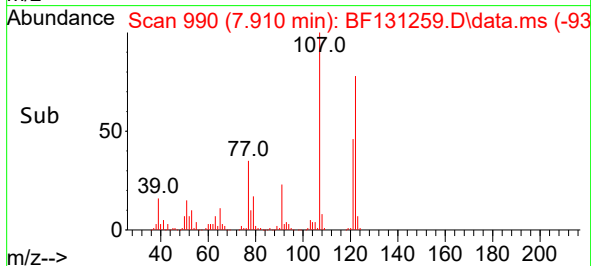
107 128.2 97.1 145.7

121 59.0 47.5 71.3

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 44.974 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF131259.D

Acq: 16 Nov 2022 11:52

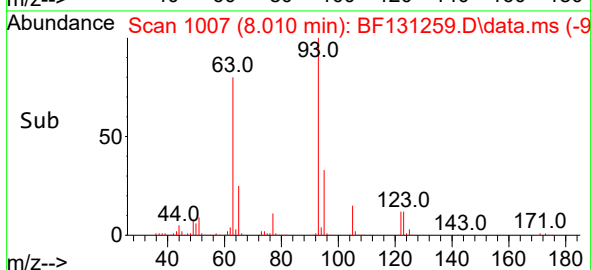
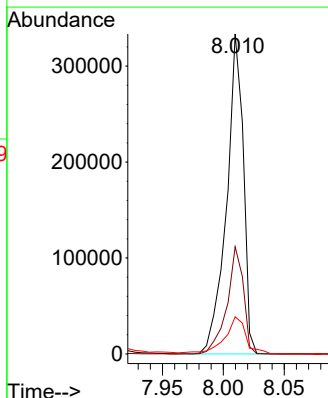
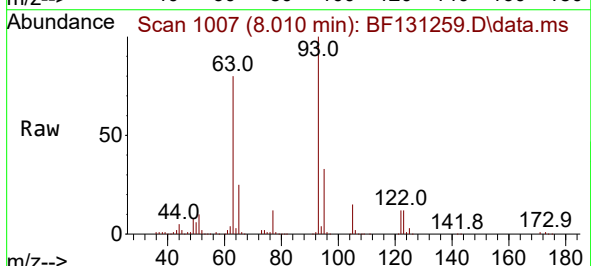
Tgt Ion: 93 Resp: 320326

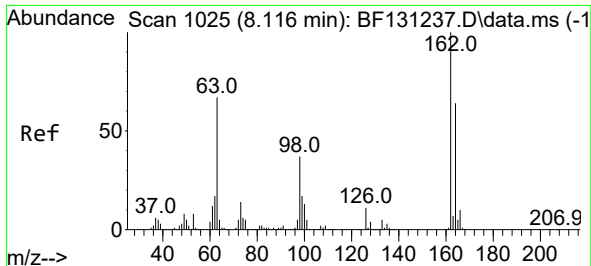
Ion Ratio Lower Upper

93 100

95 33.5 25.7 38.5

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.955 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF131259.D

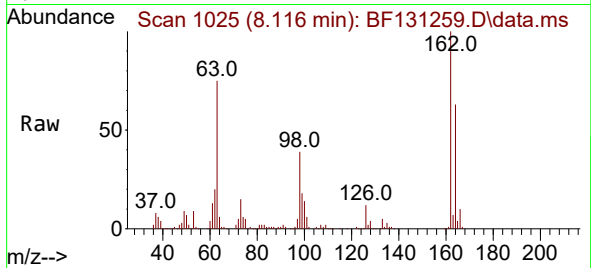
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS



Tgt Ion:162 Resp: 234609

Ion Ratio Lower Upper

162 100

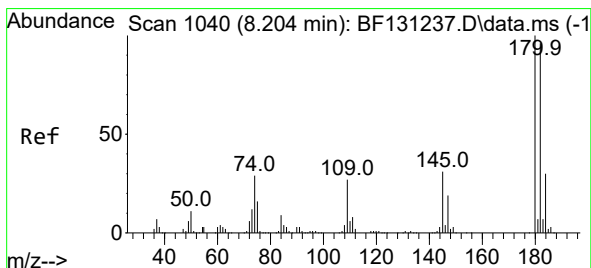
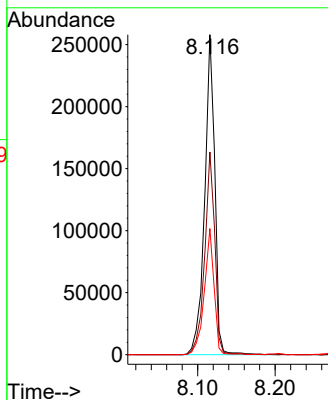
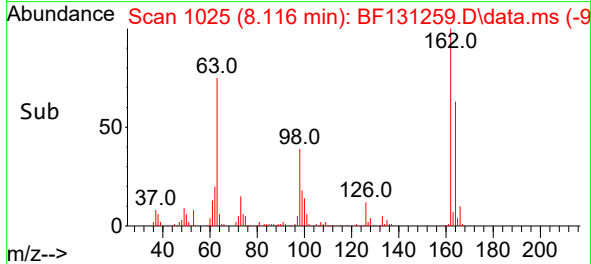
164 63.4 43.5 83.5

98 39.4 17.2 57.2

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 40.693 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF131259.D

Acq: 16 Nov 2022 11:52

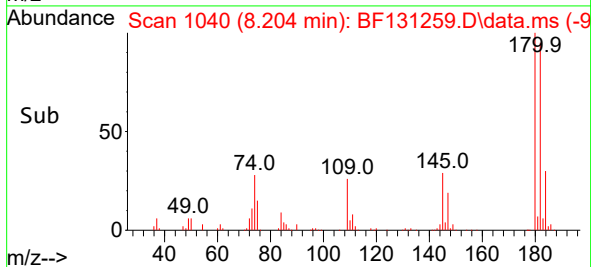
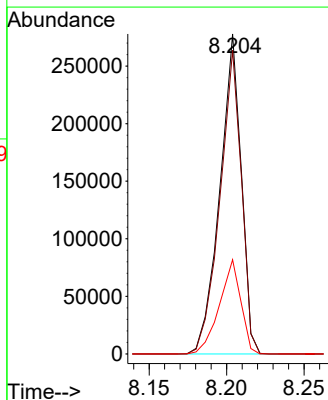
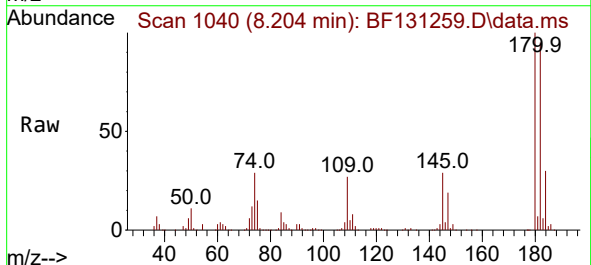
Tgt Ion:180 Resp: 266795

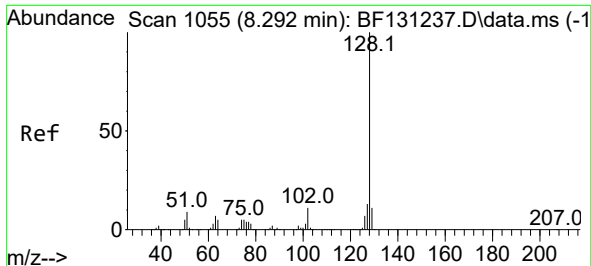
Ion Ratio Lower Upper

180 100

182 94.9 76.6 115.0

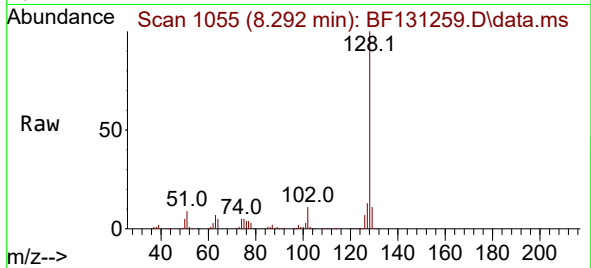
145 29.5 24.8 37.2





#31
Naphthalene
Concen: 39.675 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

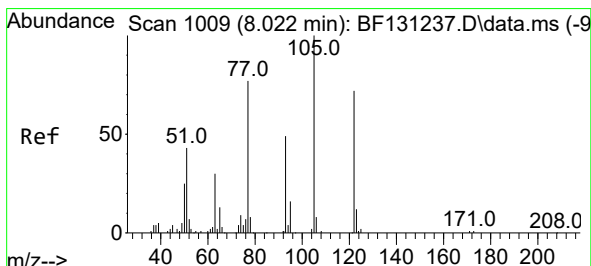
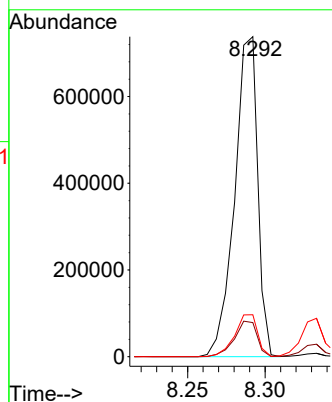
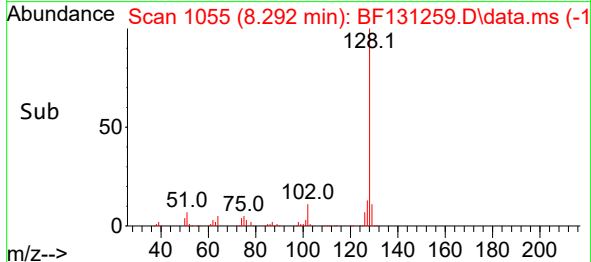
Instrument :
BNA_F
ClientSampleId :
PB148810BS



Tgt Ion:128 Resp: 762955
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.1 10.3 15.5

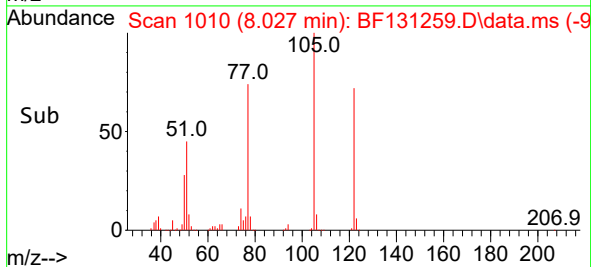
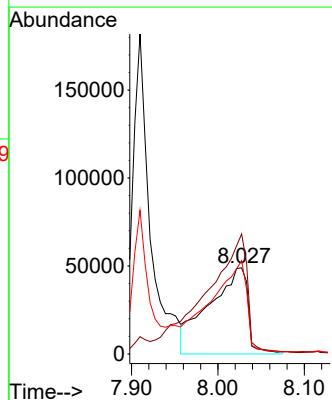
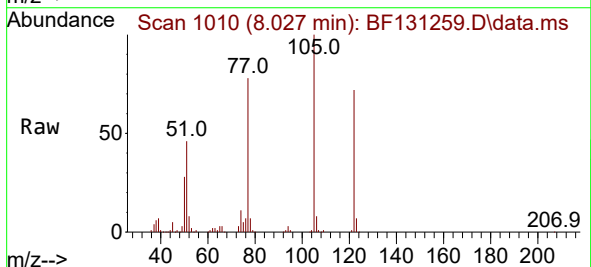
Manual Integrations
APPROVED

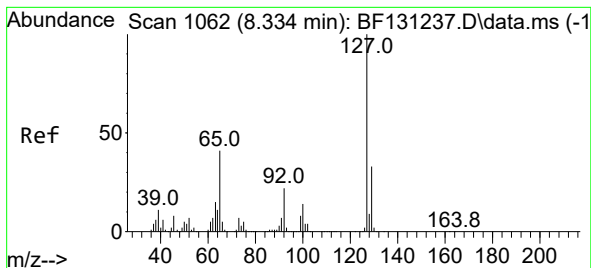
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#32
Benzoic acid
Concen: 42.017 ng m
RT: 8.027 min Scan# 1010
Delta R.T. 0.005 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion:122 Resp: 153652
Ion Ratio Lower Upper
122 100
105 139.5 116.9 156.9
77 108.5 86.9 126.9





#33
4-Chloroaniline
Concen: 12.627 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

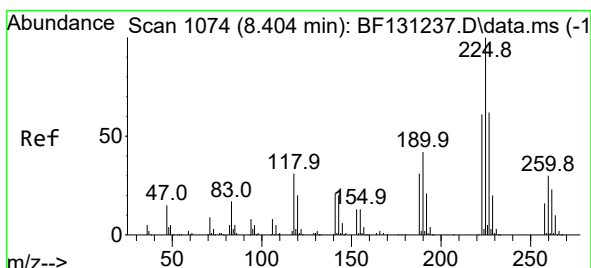
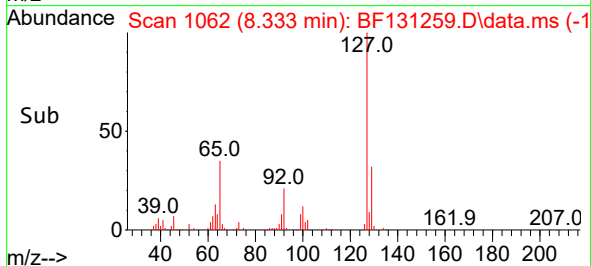
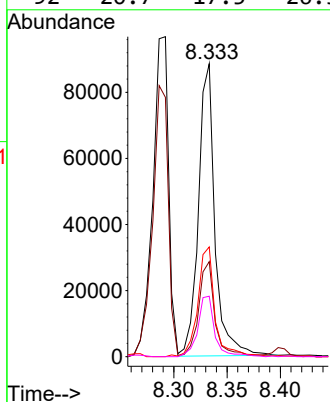
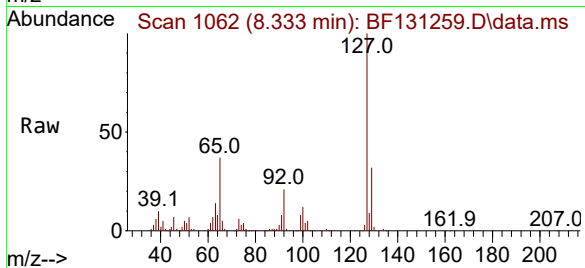
PB148810BS

Tgt Ion:127 Resp: 95589
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 37.4 32.6 48.8
92 20.7 17.5 26.3

Manual Integrations

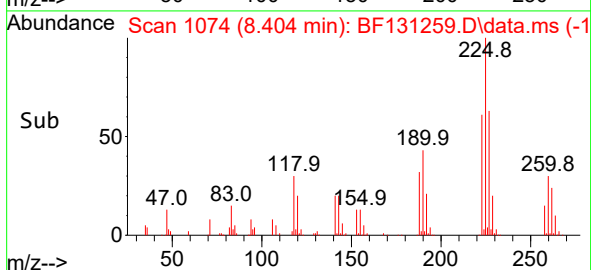
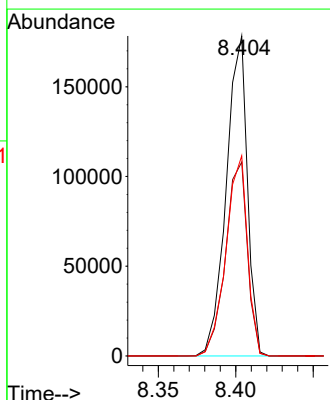
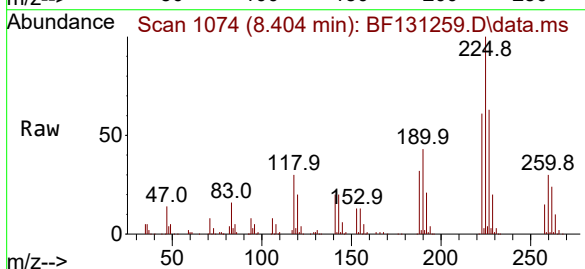
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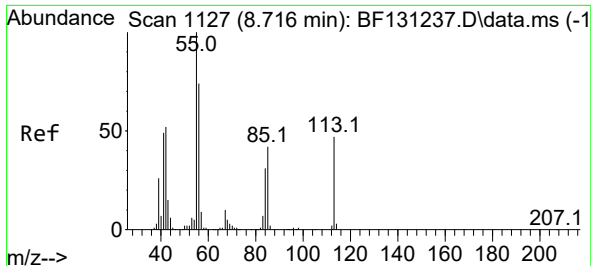
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#34
Hexachlorobutadiene
Concen: 40.759 ng
RT: 8.404 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

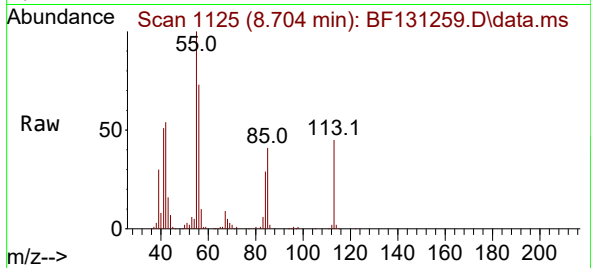
Tgt Ion:225 Resp: 169131
Ion Ratio Lower Upper
225 100
223 60.6 49.1 73.7
227 62.5 50.0 75.0





#35
 Caprolactam
 Concen: 45.032 ng m
 RT: 8.704 min Scan# 1125
 Delta R.T. -0.012 min
 Lab File: BF131259.D
 Acq: 16 Nov 2022 11:52

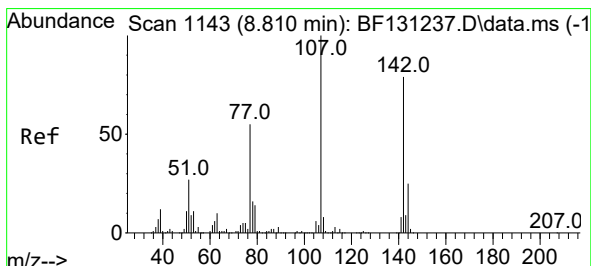
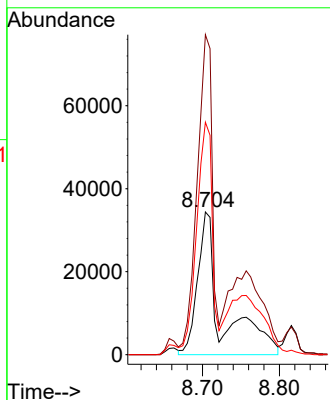
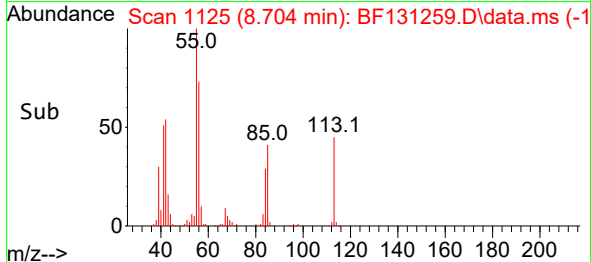
Instrument :
 BNA_F
 ClientSampleId :
 PB148810BS



Tgt Ion:113 Resp: 74418
 Ion Ratio Lower Upper
 113 100
 55 224.2 193.2 233.2
 56 162.9 137.2 177.2

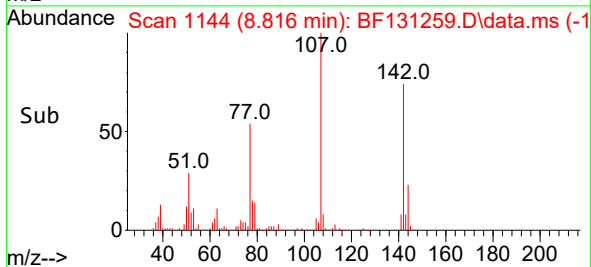
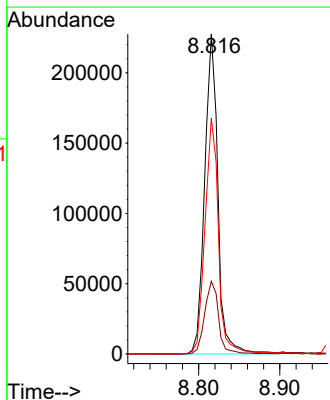
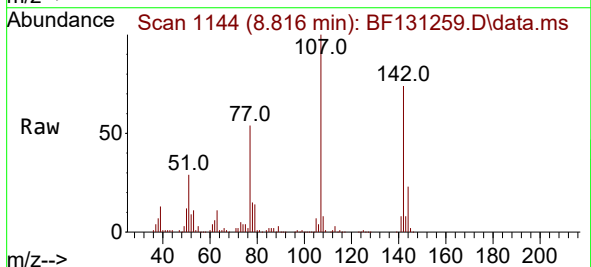
Manual Integrations
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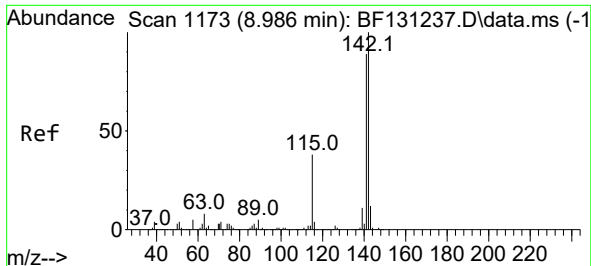
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022



#36
 4-Chloro-3-methylphenol
 Concen: 43.575 ng
 RT: 8.816 min Scan# 1144
 Delta R.T. 0.006 min
 Lab File: BF131259.D
 Acq: 16 Nov 2022 11:52

Tgt Ion:107 Resp: 256490
 Ion Ratio Lower Upper
 107 100
 144 22.7 20.2 30.2
 142 73.8 63.0 94.6





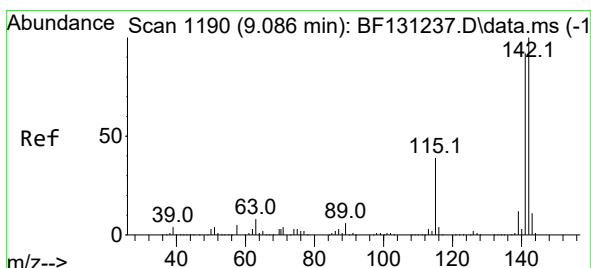
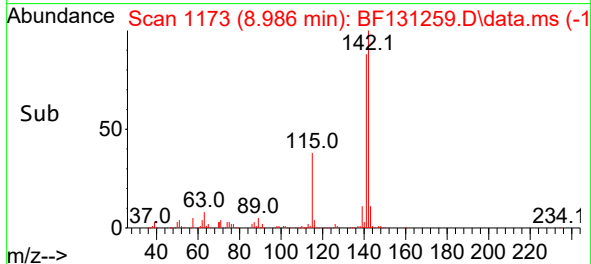
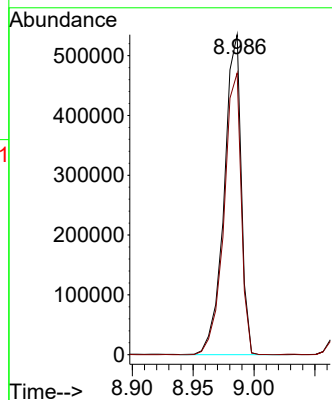
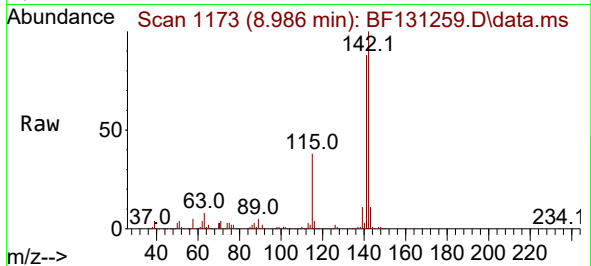
#37
2-Methylnaphthalene
Concen: 40.667 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :
BNA_F
ClientSampleId :
PB148810BS

Tgt Ion:142 Resp: 520838
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6

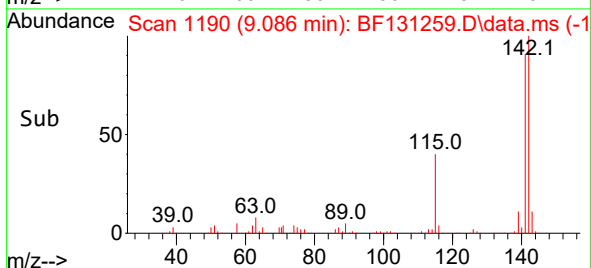
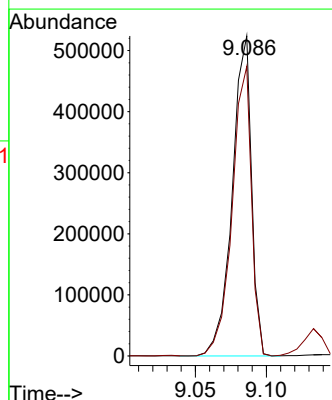
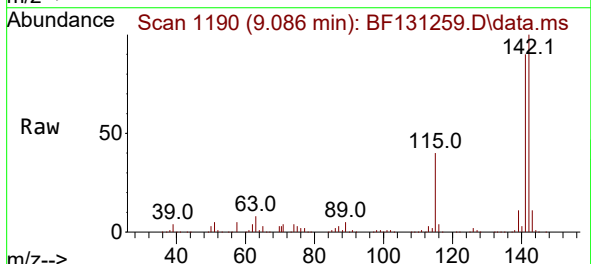
Manual Integrations
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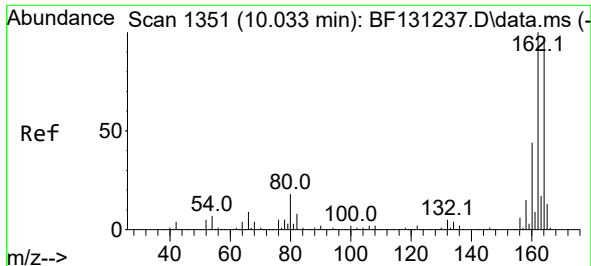
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#38
1-Methylnaphthalene
Concen: 39.766 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion:142 Resp: 493856
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.2





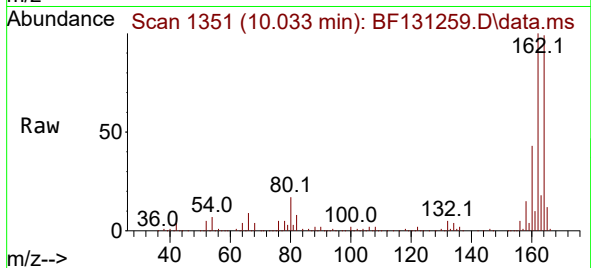
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

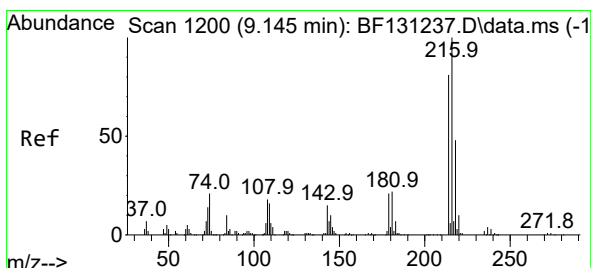
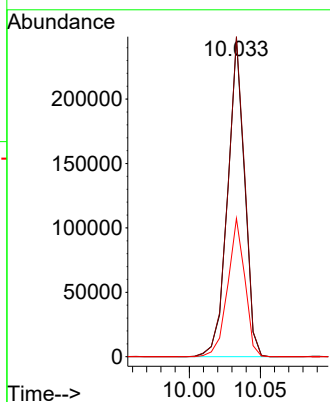
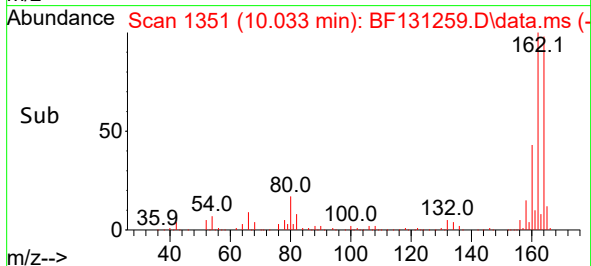


Tgt Ion:164 Resp: 20474
Ion Ratio Lower Upper
164 100
162 100.5 82.1 123.1
160 43.4 36.2 54.4

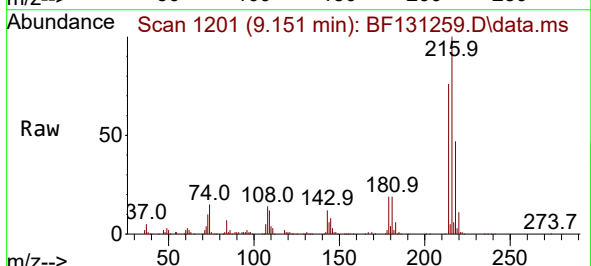
Manual Integrations

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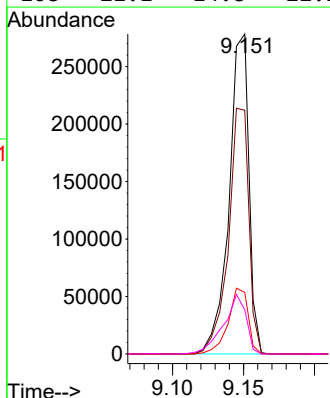
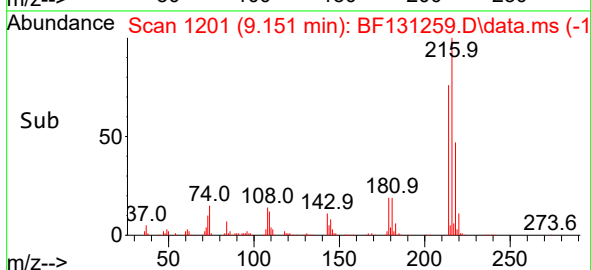
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

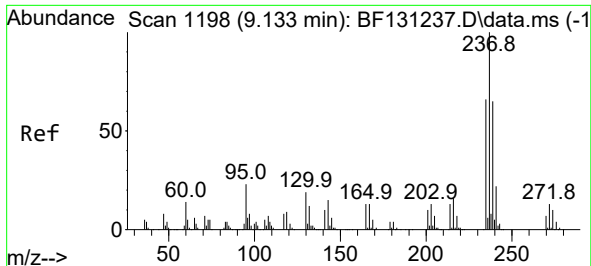


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.078 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



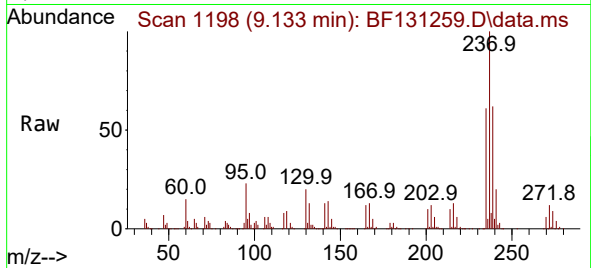
Tgt Ion:216 Resp: 270796
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 20.6 16.5 24.7
108 21.1 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 101.458 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

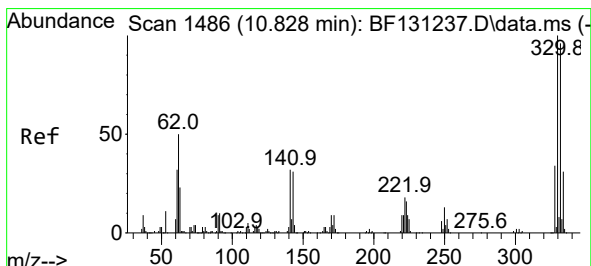
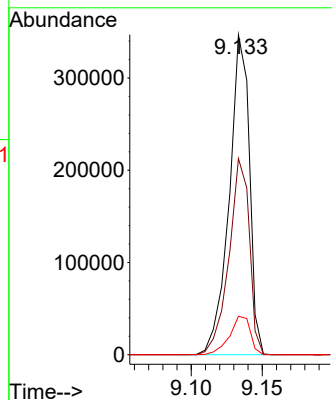
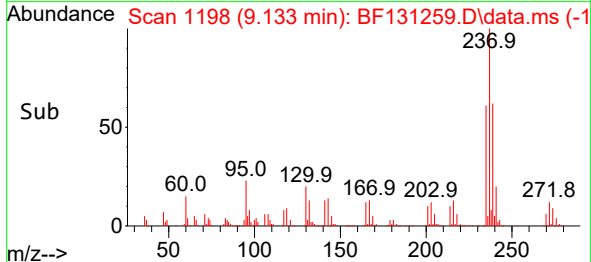
Instrument :
BNA_F
ClientSampleId :
PB148810BS



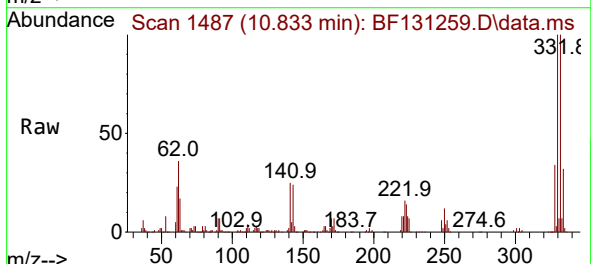
Tgt Ion:237 Resp: 34280
Ion Ratio Lower Upper
237 100
235 61.3 45.6 85.6
272 12.0 0.0 32.6

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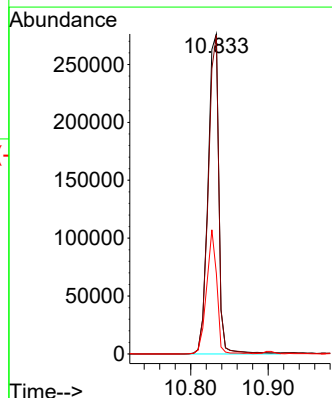
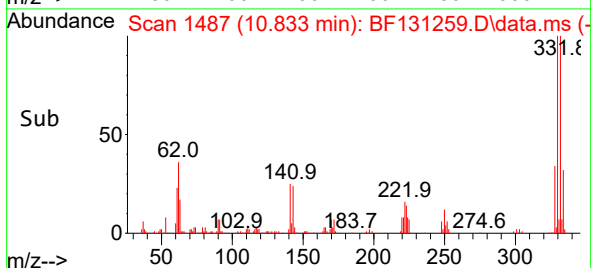
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

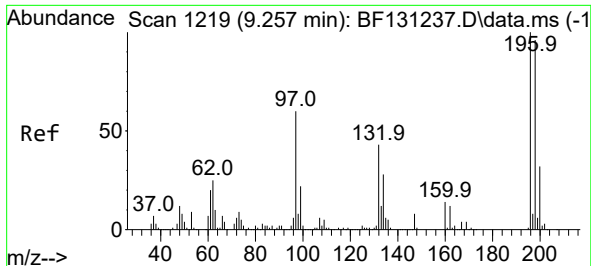


#42
2,4,6-Tribromophenol
Concen: 136.766 ng
RT: 10.833 min Scan# 1487
Delta R.T. 0.005 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



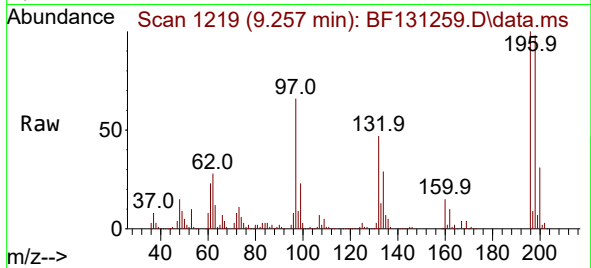
Tgt Ion:330 Resp: 267473
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 36.7 29.6 44.4





#43
2,4,6-Trichlorophenol
Concen: 35.678 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

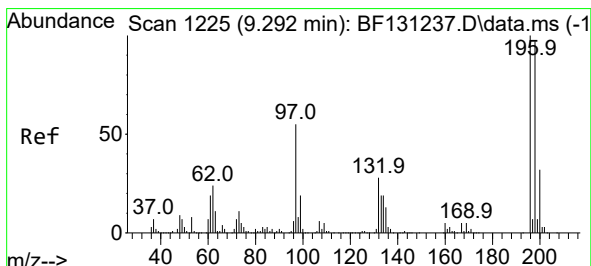
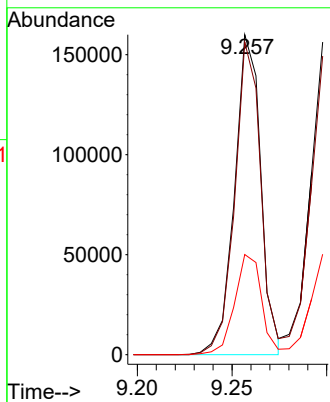
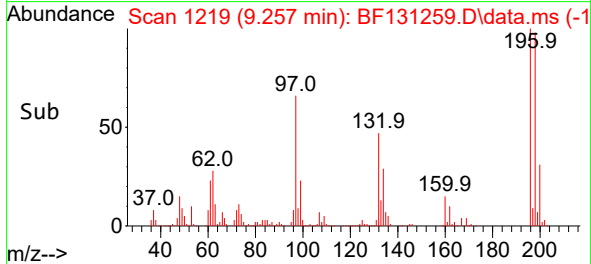
Instrument :
BNA_F
ClientSampleId :
PB148810BS



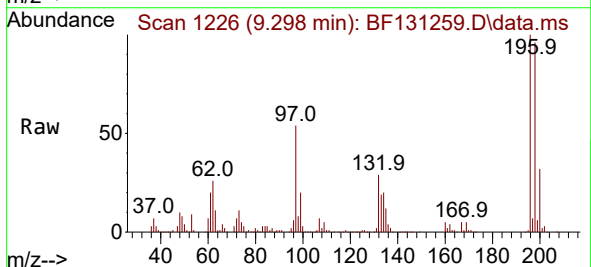
Tgt Ion:196 Resp: 153760
Ion Ratio Lower Upper
196 100
198 97.7 76.5 114.7
200 31.3 25.3 37.9

Manual Integrations
APPROVED

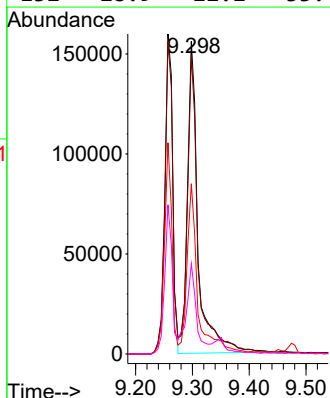
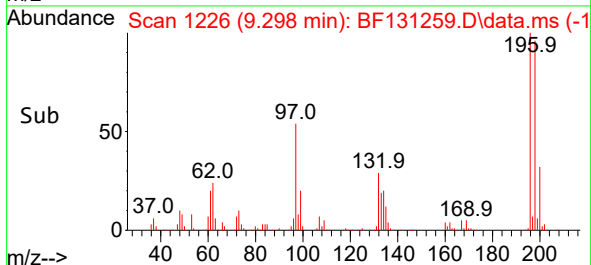
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

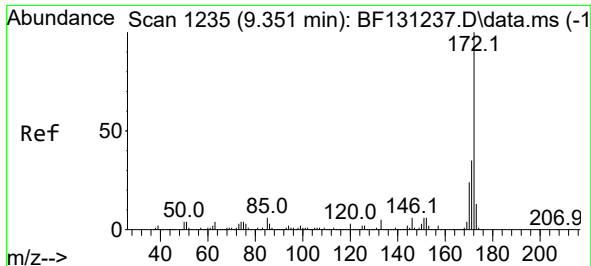


#44
2,4,5-Trichlorophenol
Concen: 44.325 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:196 Resp: 204999
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.6
97 54.5 44.3 66.5
132 28.9 22.2 33.4





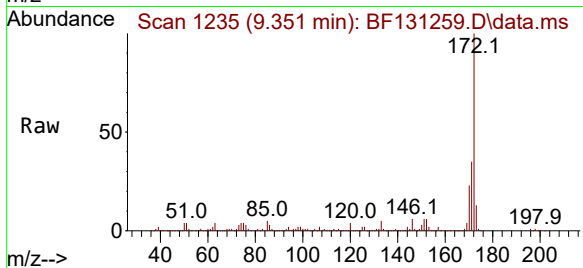
#45
2-Fluorobiphenyl
Concen: 81.366 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

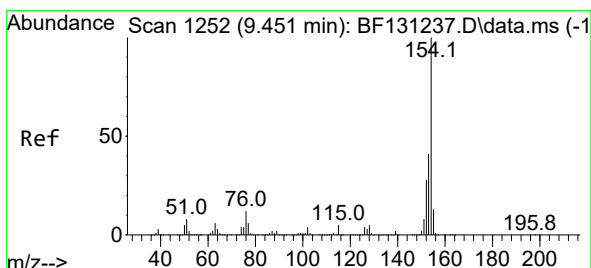
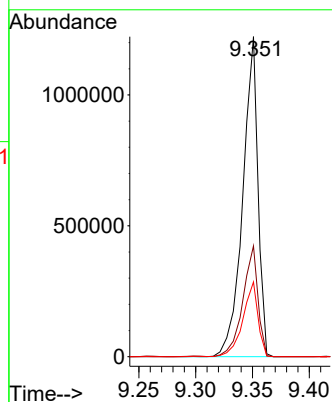
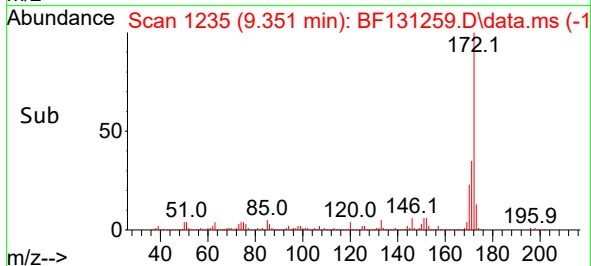


Tgt Ion:172 Resp: 1138370
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.4 18.8 28.2

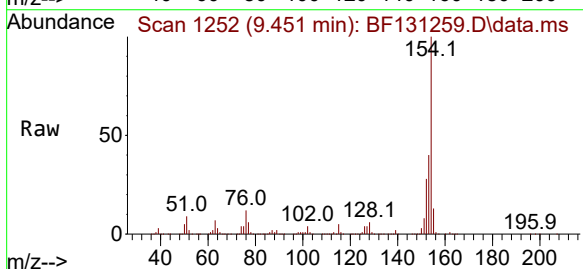
Manual Integrations

APPROVED

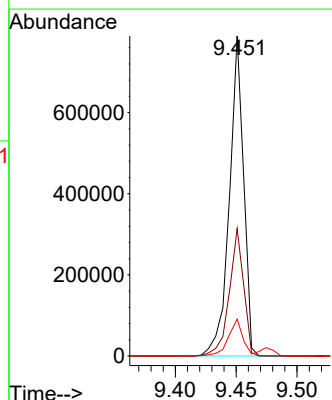
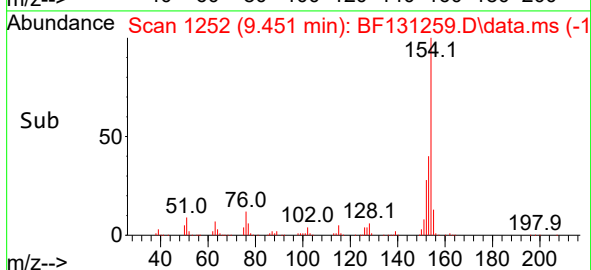
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

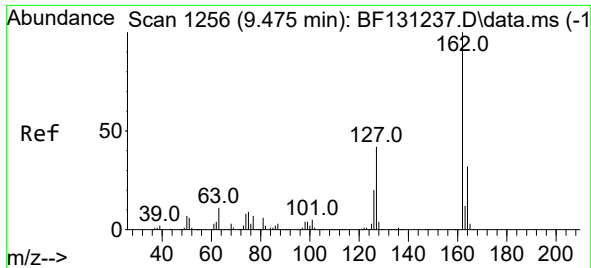


#46
1,1'-Biphenyl
Concen: 40.860 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:154 Resp: 643102
Ion Ratio Lower Upper
154 100
153 39.8 20.8 60.8
76 11.5 0.0 31.6





#47
2-Chloronaphthalene
Concen: 40.110 ng
RT: 9.474 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

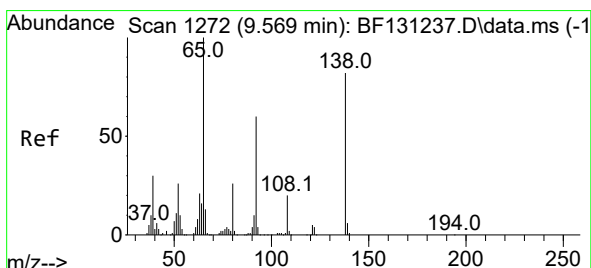
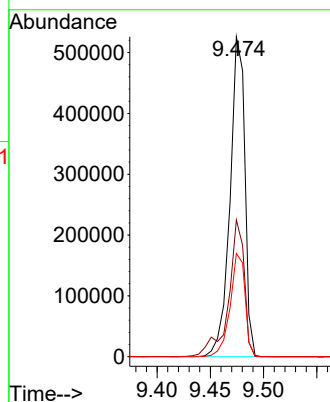
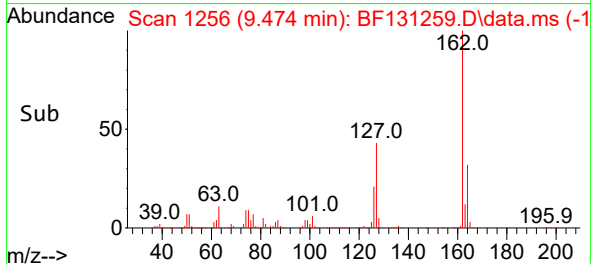
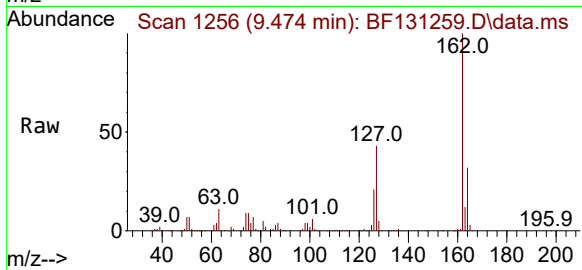
ClientSampleId :

PB148810BS

Tgt Ion:162 Resp: 51141
Ion Ratio Lower Upper
162 100
127 42.7 34.1 51.1
164 32.3 25.9 38.9

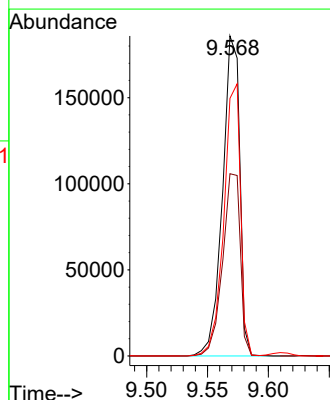
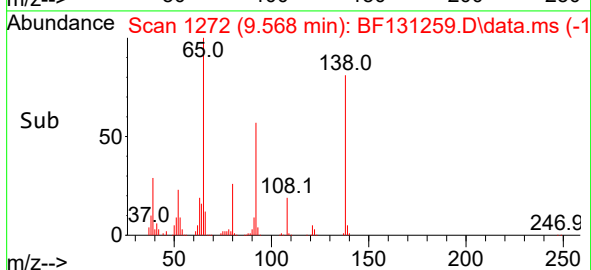
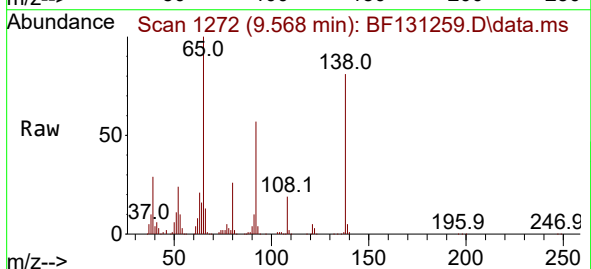
Manual Integrations
APPROVED

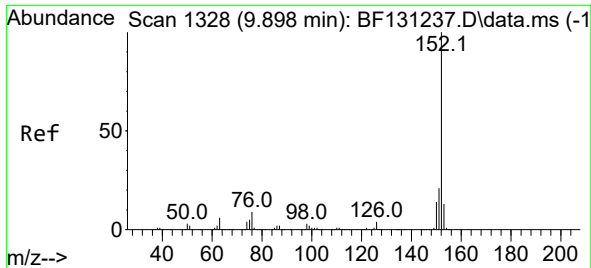
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#48
2-Nitroaniline
Concen: 44.959 ng
RT: 9.568 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion: 65 Resp: 182798
Ion Ratio Lower Upper
65 100
92 56.9 48.2 72.2
138 80.5 65.8 98.8





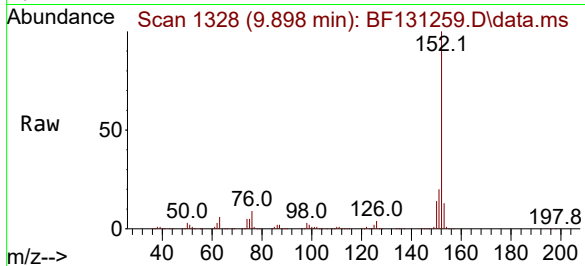
#49
Acenaphthylene
Concen: 40.347 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

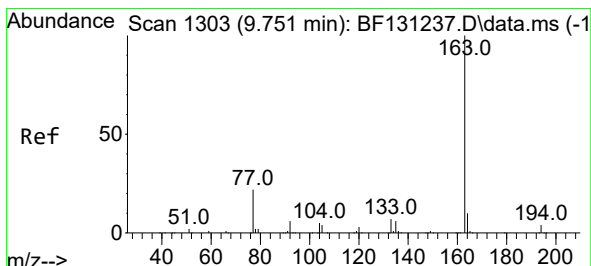
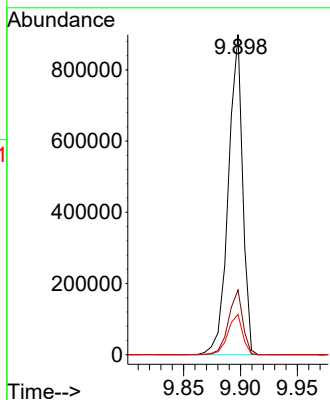
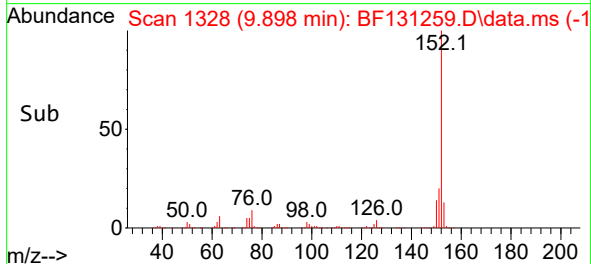


Tgt Ion:152 Resp: 785560
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.6 10.5 15.7

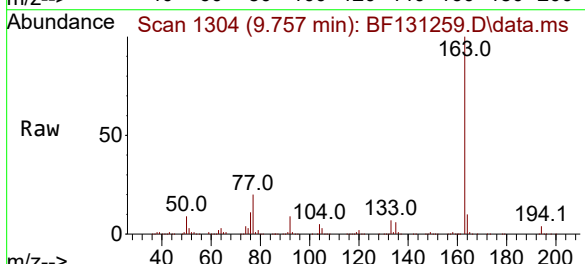
Manual Integrations

APPROVED

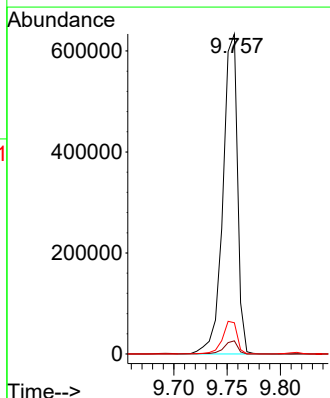
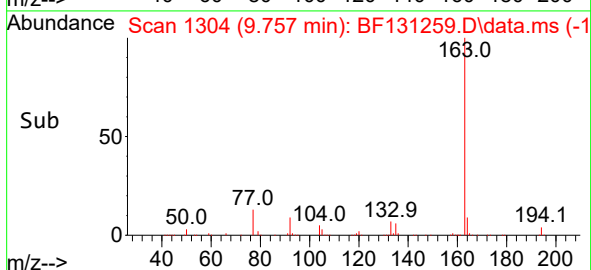
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

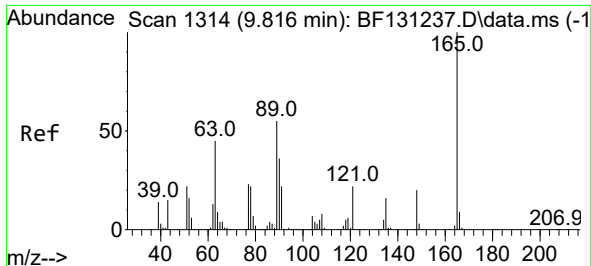


#50
Dimethylphthalate
Concen: 40.964 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:163 Resp: 600569
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.8 7.9 11.9





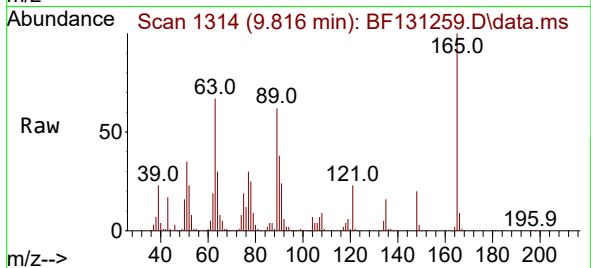
#51
2,6-Dinitrotoluene
Concen: 44.272 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

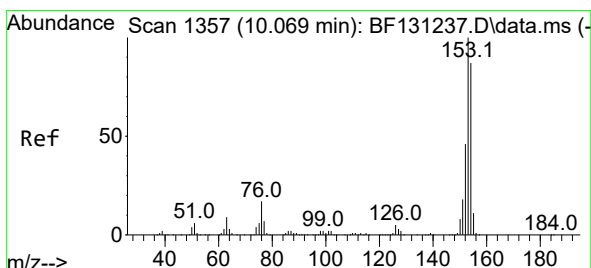
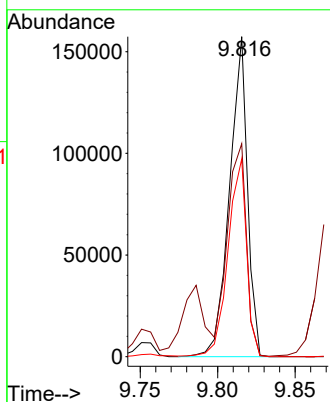
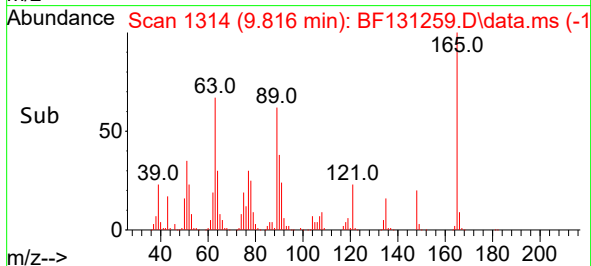


Tgt Ion:165 Resp: 12661
Ion Ratio Lower Upper
165 100
63 66.5 49.8 74.6
89 61.8 44.5 66.7

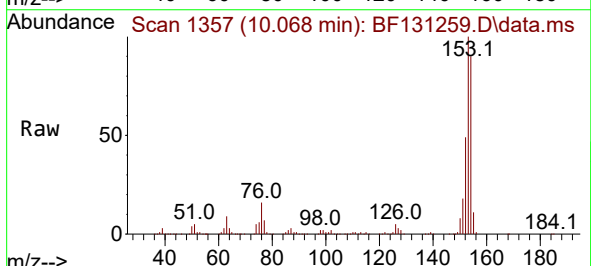
Manual Integrations

APPROVED

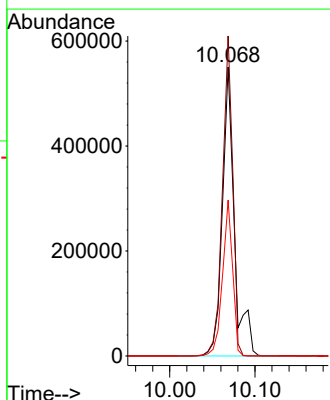
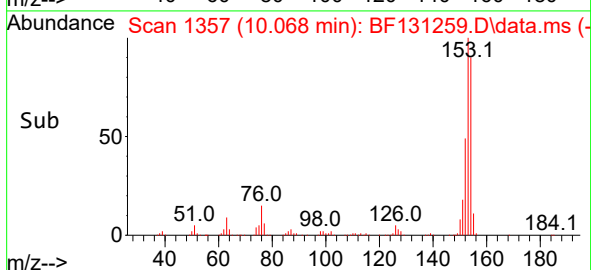
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

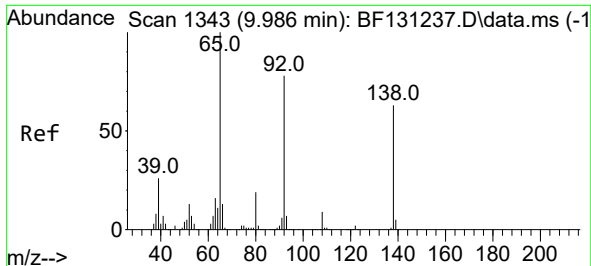


#52
Acenaphthene
Concen: 44.393 ng
RT: 10.068 min Scan# 1357
Delta R.T. -0.001 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:154 Resp: 539514
Ion Ratio Lower Upper
154 100
153 110.7 91.4 137.2
152 53.9 42.4 63.6





#53
3-Nitroaniline
Concen: 24.124 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

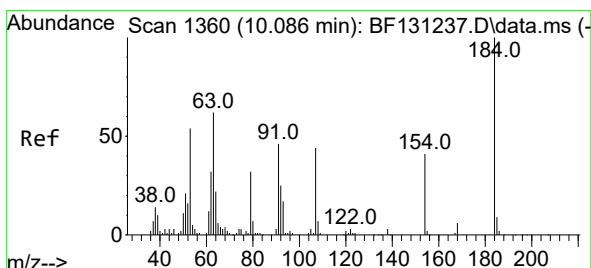
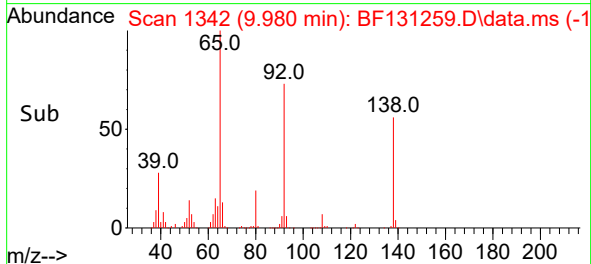
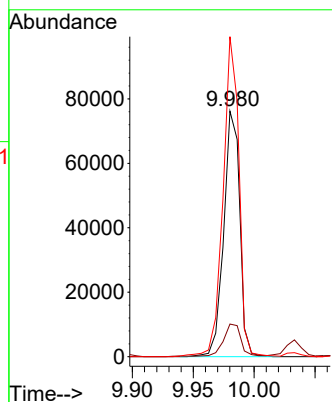
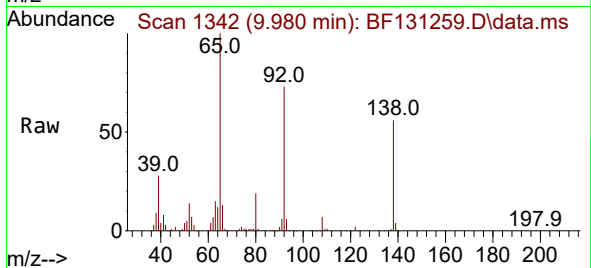
PB148810BS

Tgt Ion:138 Resp: 6966
Ion Ratio Lower Upper
138 100
108 13.3 11.4 17.2
92 130.3 98.6 148.0

Manual Integrations

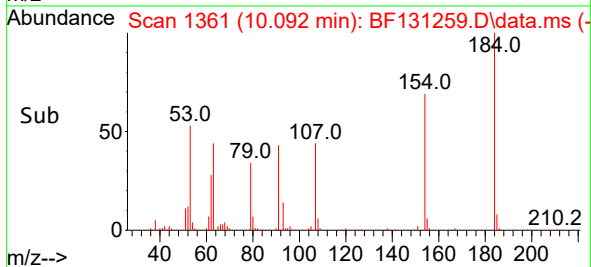
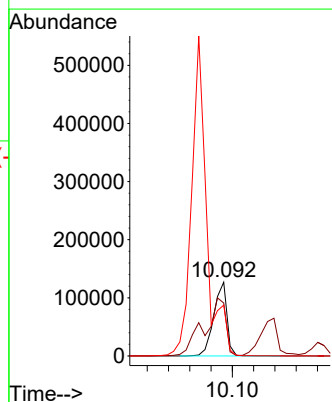
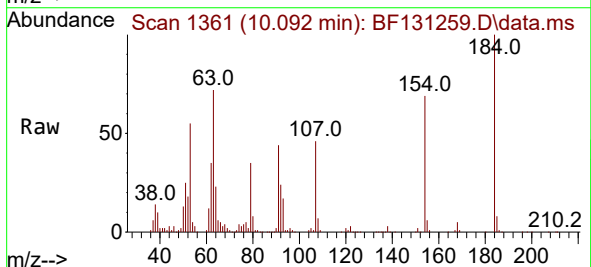
APPROVED

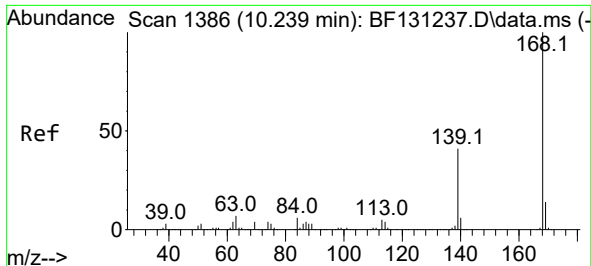
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#54
2,4-Dinitrophenol
Concen: 82.631 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion:184 Resp: 109016
Ion Ratio Lower Upper
184 100
63 71.8 52.5 78.7
154 69.1 54.0 81.0





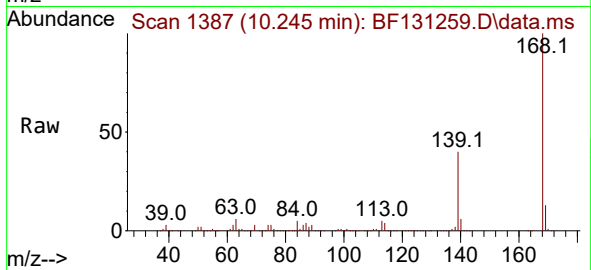
#55
Dibenzenofuran
Concen: 39.907 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

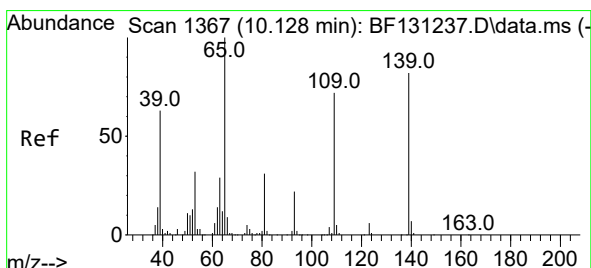
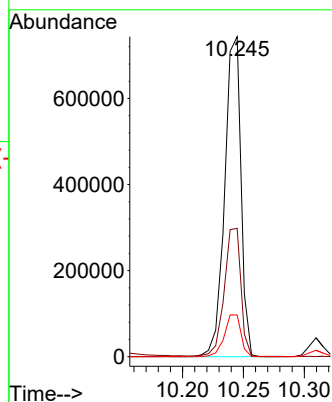
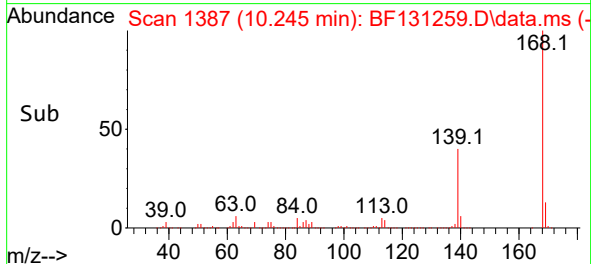


Tgt Ion:168 Resp: 694880
Ion Ratio Lower Upper
168 100
139 40.1 32.9 49.3
169 13.0 10.8 16.2

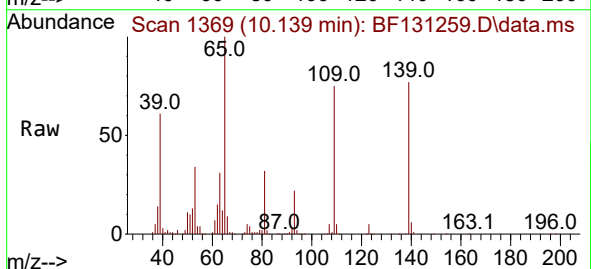
Manual Integrations

APPROVED

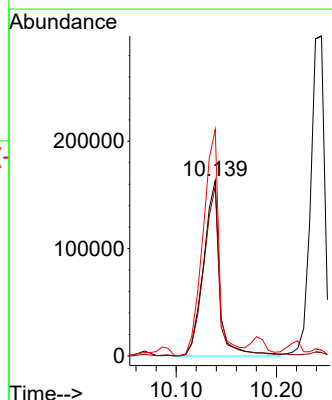
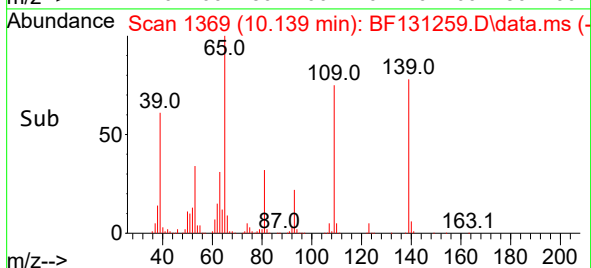
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

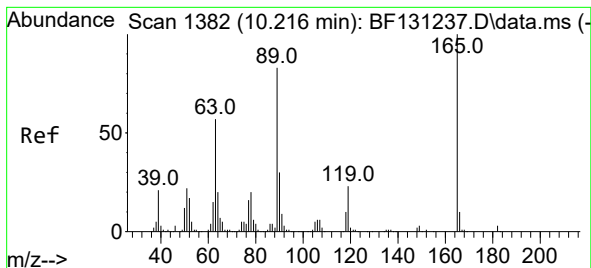


#56
4-Nitrophenol
Concen: 79.970 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:139 Resp: 184472
Ion Ratio Lower Upper
139 100
109 96.4 68.1 108.1
65 129.1 101.6 141.6





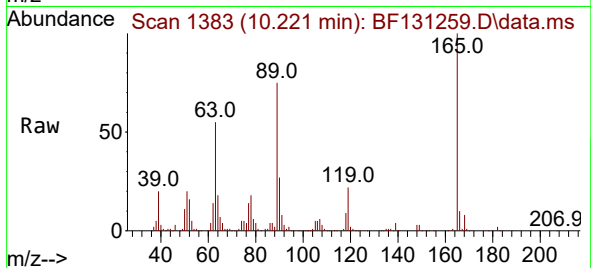
#57
2,4-Dinitrotoluene
Concen: 46.040 ng
RT: 10.221 min Scan# 1383
Delta R.T. 0.005 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

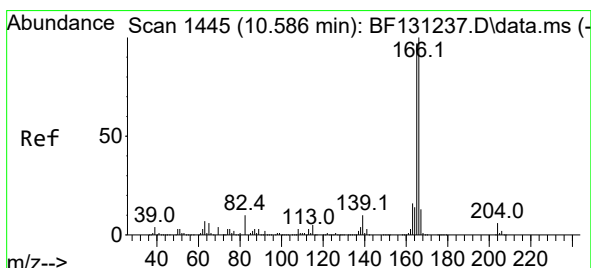
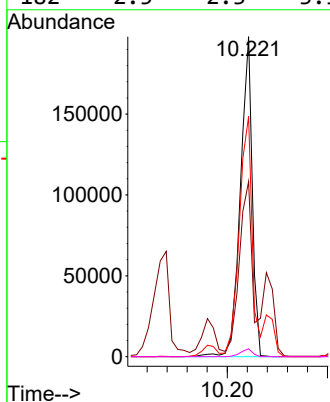
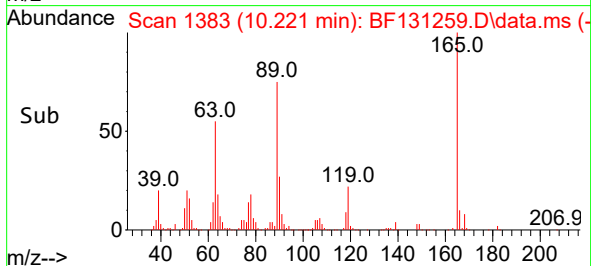


Tgt Ion:165 Resp: 163699
Ion Ratio Lower Upper
165 100
63 54.7 46.0 69.0
89 75.1 66.2 99.4
182 2.5 2.3 3.5

Manual Integrations

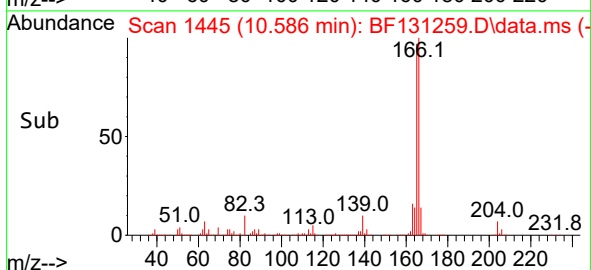
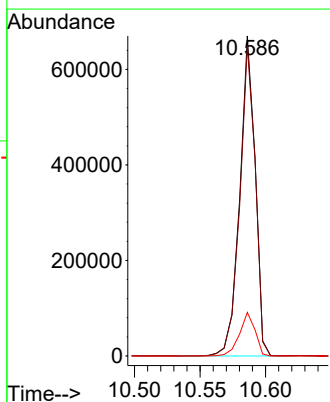
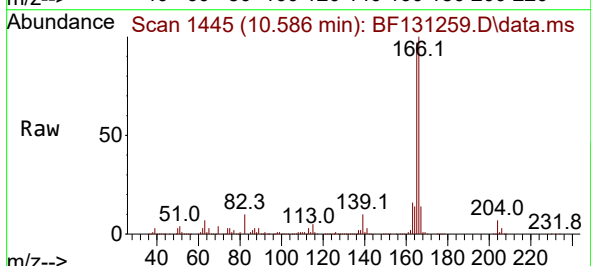
APPROVED

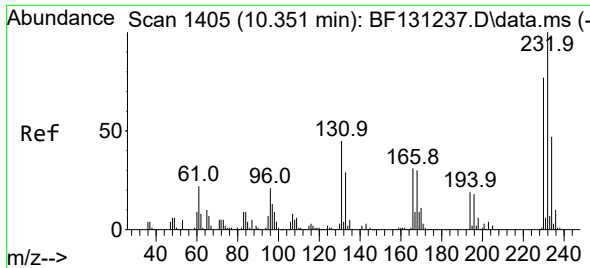
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#58
Fluorene
Concen: 40.052 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

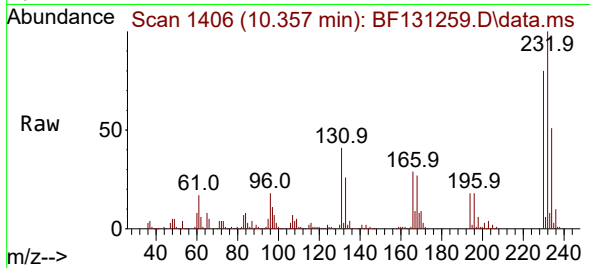
Tgt Ion:166 Resp: 548783
Ion Ratio Lower Upper
166 100
165 97.0 77.4 116.0
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.717 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

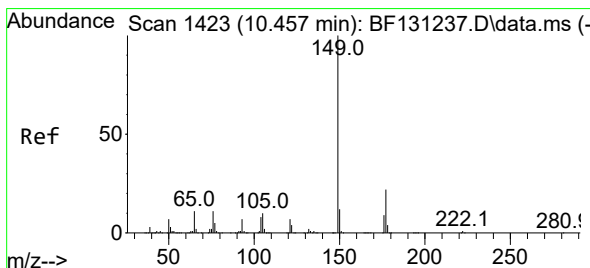
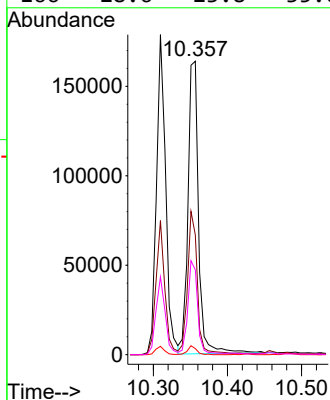
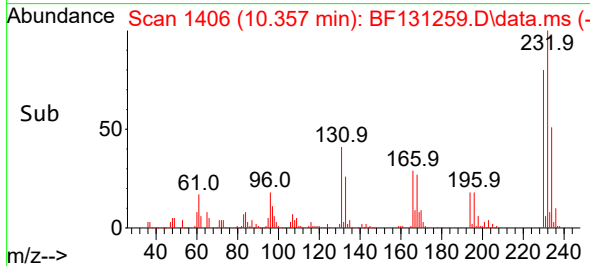
Instrument :
BNA_F
ClientSampleId :
PB148810BS



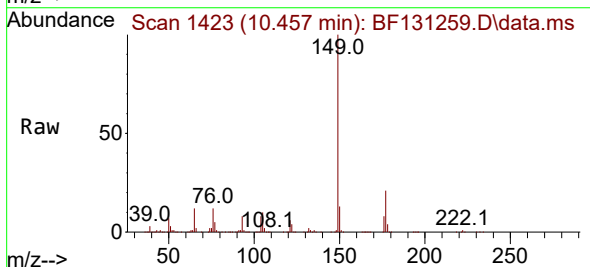
Tgt Ion:232 Resp: 163450
Ion Ratio Lower Upper
232 100
131 43.7 34.6 51.8
130 2.5 1.9 2.9
166 28.6 23.8 35.6

Manual Integrations
APPROVED

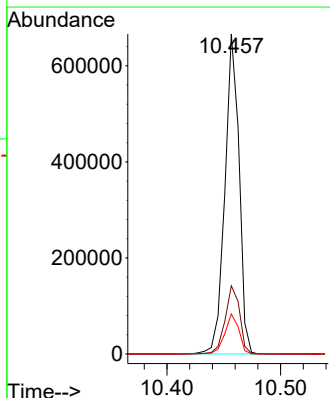
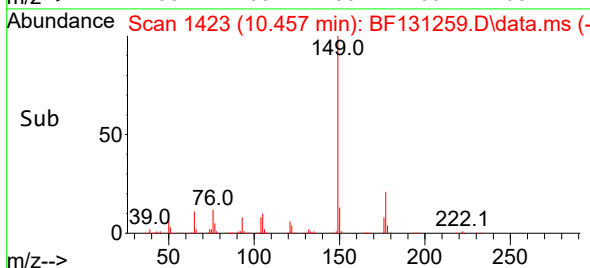
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

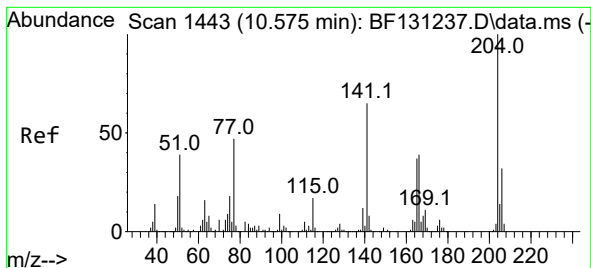


#60
Diethylphthalate
Concen: 41.817 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



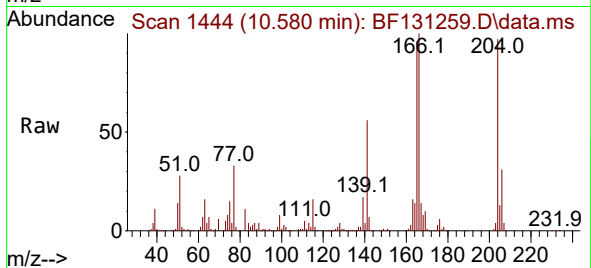
Tgt Ion:149 Resp: 579526
Ion Ratio Lower Upper
149 100
177 21.3 17.9 26.9
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.982 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

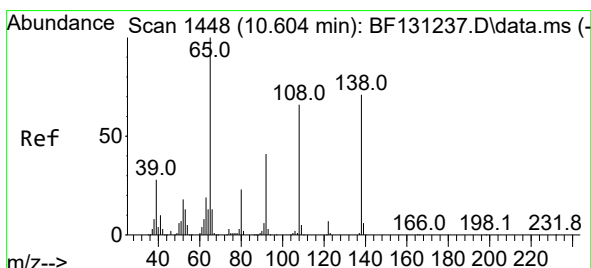
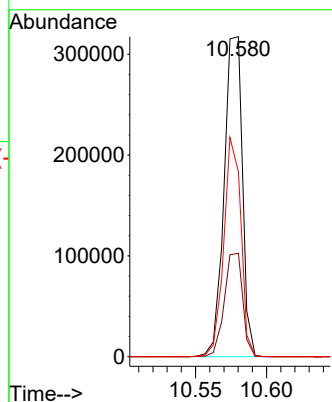
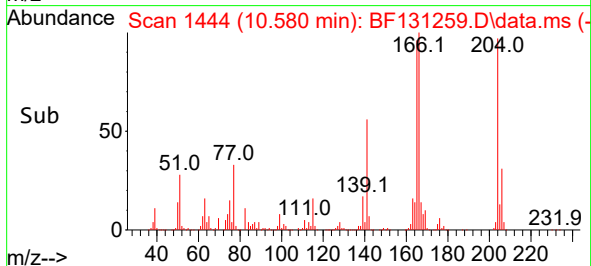
Instrument :
BNA_F
ClientSampleId :
PB148810BS



Tgt Ion:204 Resp: 284429
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 57.7 52.1 78.1

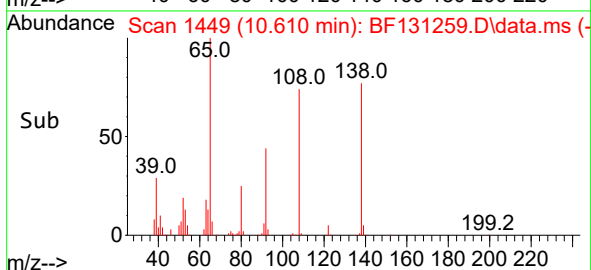
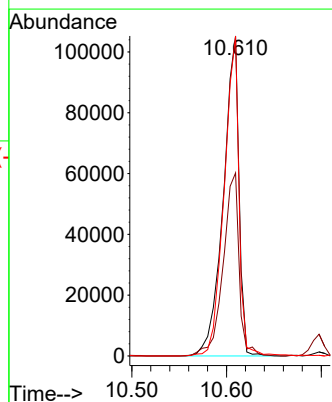
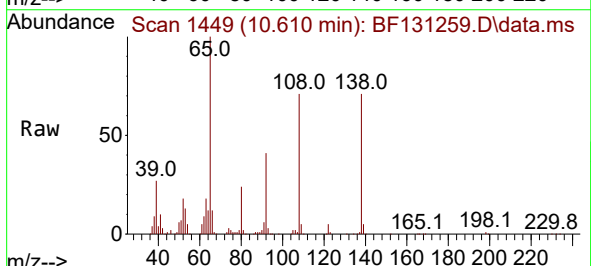
Manual Integrations
APPROVED

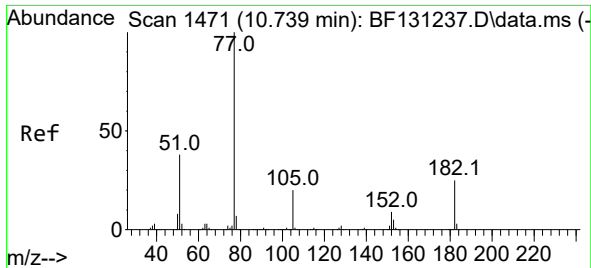
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#62
4-Nitroaniline
Concen: 40.445 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion:138 Resp: 121320
Ion Ratio Lower Upper
138 100
92 57.2 37.6 77.6
108 99.9 73.2 113.2





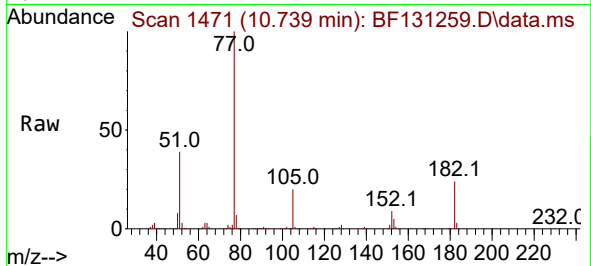
#63
Azobenzene
Concen: 40.422 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

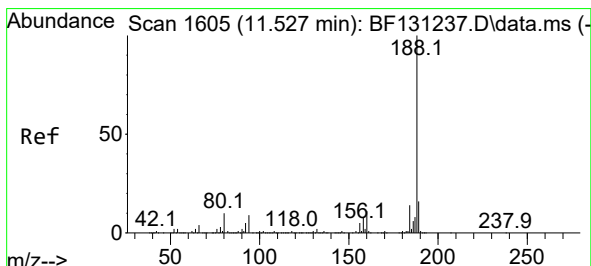
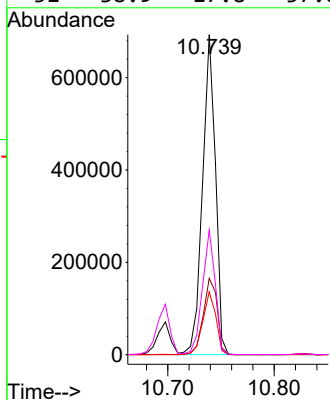
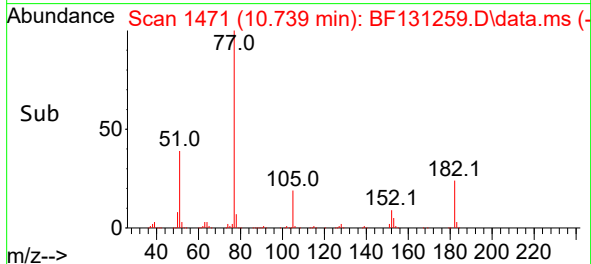


Tgt Ion: 77 Resp: 58651
Ion Ratio Lower Upper
77 100
182 23.8 5.0 45.0
105 19.6 0.1 40.1
51 38.9 17.8 57.8

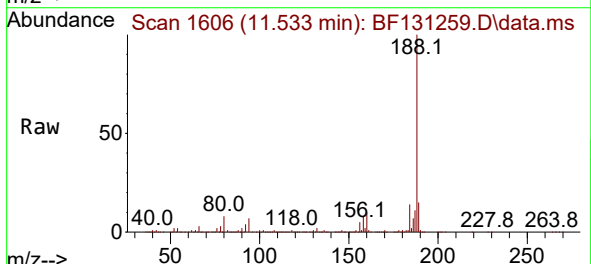
Manual Integrations

APPROVED

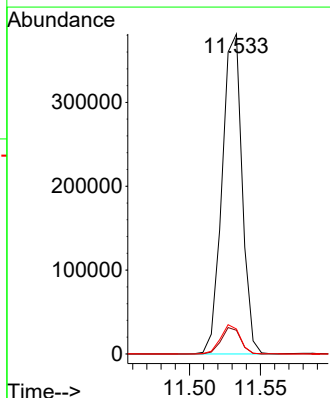
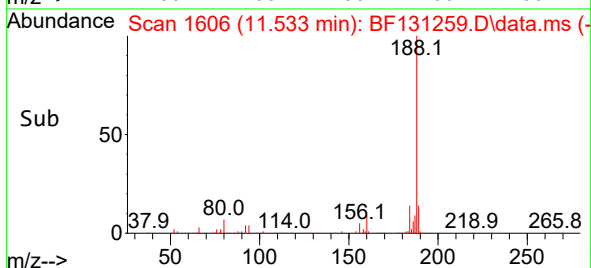
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

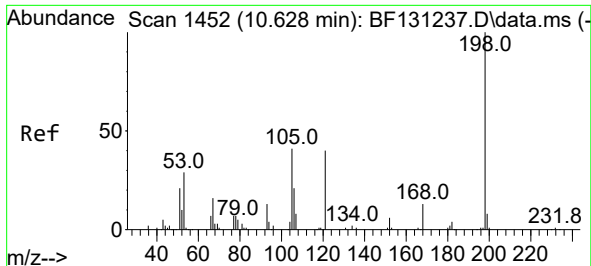


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:188 Resp: 374165
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.8 8.0 12.0#





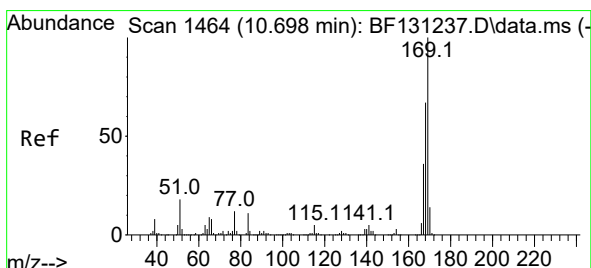
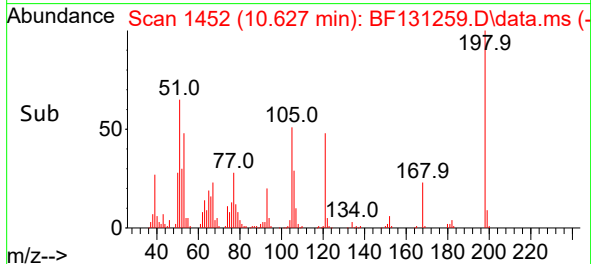
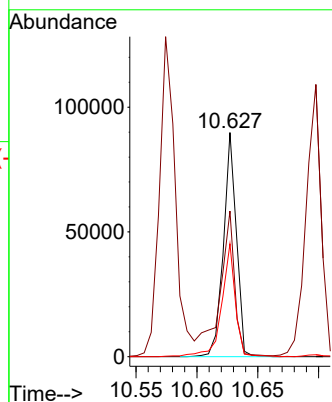
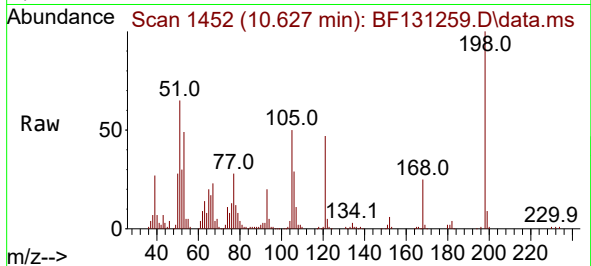
#65
4,6-Dinitro-2-methylphenol
Concen: 41.017 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :
BNA_F
ClientSampleId :
PB148810BS

Tgt Ion:198 Resp: 6668
Ion Ratio Lower Upper
198 100
51 65.0 29.4 69.4
105 50.4 22.2 62.2

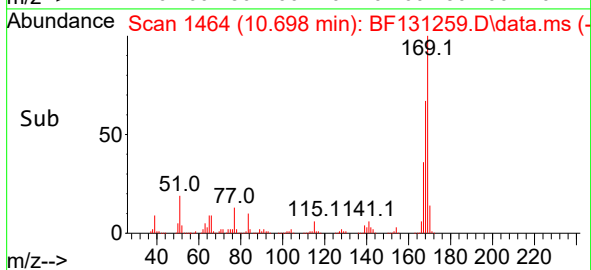
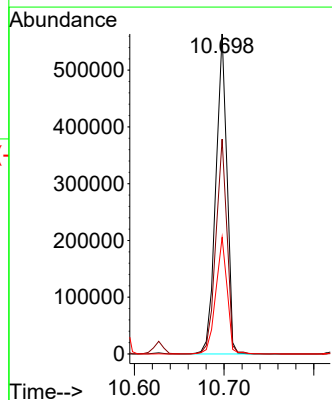
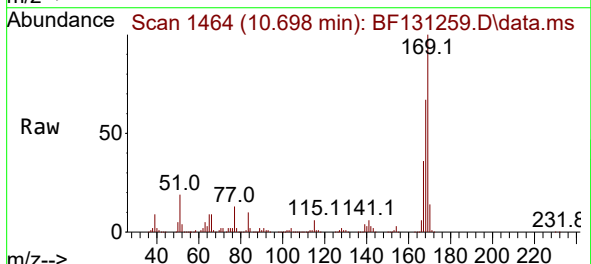
Manual Integrations
APPROVED

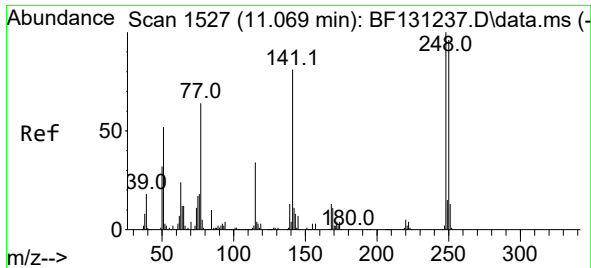
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#66
n-Nitrosodiphenylamine
Concen: 40.983 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion:169 Resp: 487191
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 36.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 41.857 ng
RT: 11.068 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

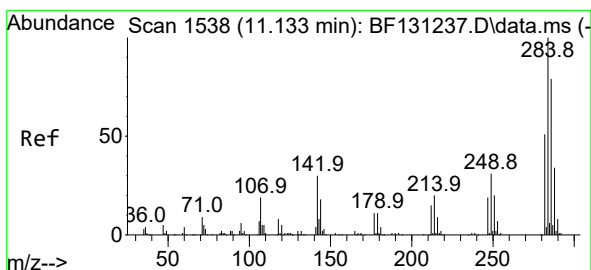
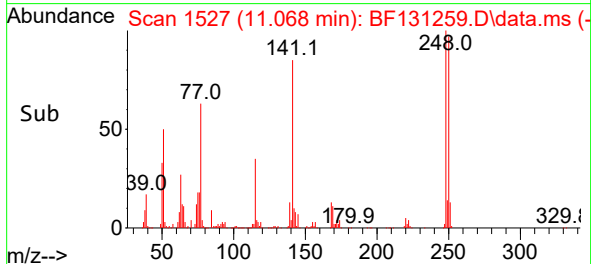
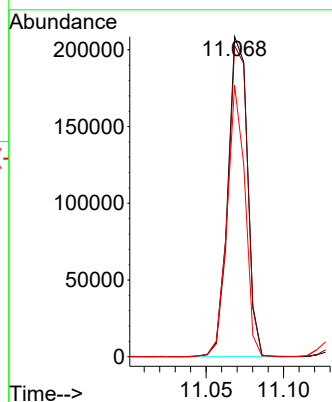
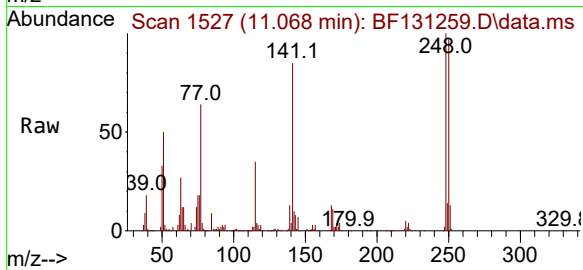
ClientSampleId :

PB148810BS

Tgt Ion:248 Resp: 18388
Ion Ratio Lower Upper
248 100
250 97.2 76.6 114.8
141 84.8 64.7 97.1

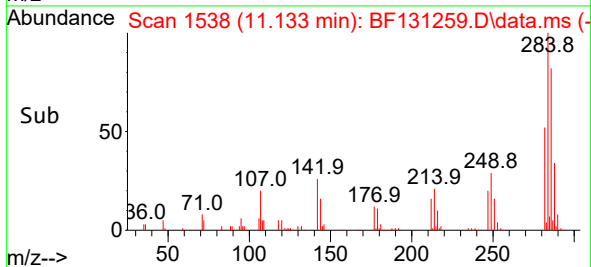
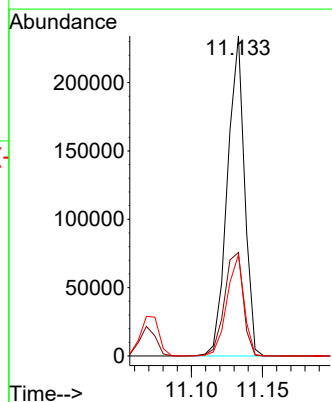
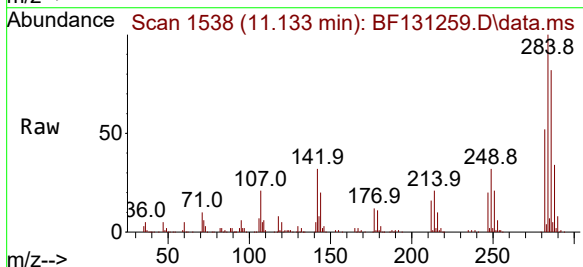
Manual Integrations
APPROVED

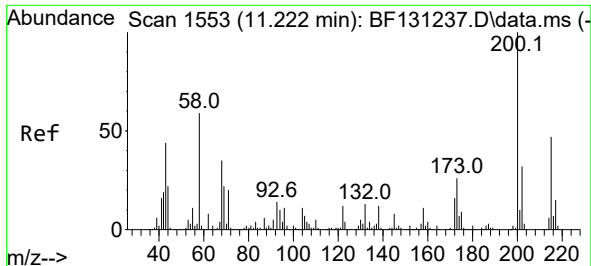
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#68
Hexachlorobenzene
Concen: 41.151 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion:284 Resp: 195925
Ion Ratio Lower Upper
284 100
142 32.3 24.3 36.5
249 31.6 24.8 37.2





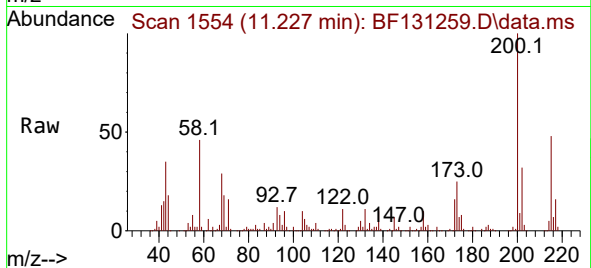
#69
 Atrazine
 Concen: 43.166 ng
 RT: 11.227 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF131259.D
 Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

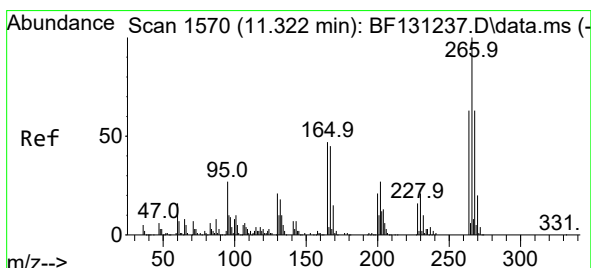
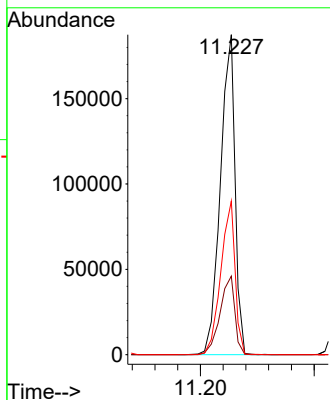
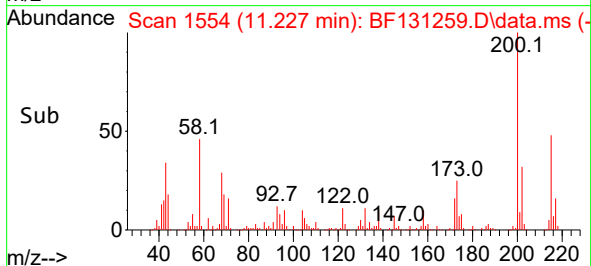


Tgt Ion:200 Resp: 168198
 Ion Ratio Lower Upper
 200 100
 173 24.5 6.4 46.4
 215 48.0 26.5 66.5

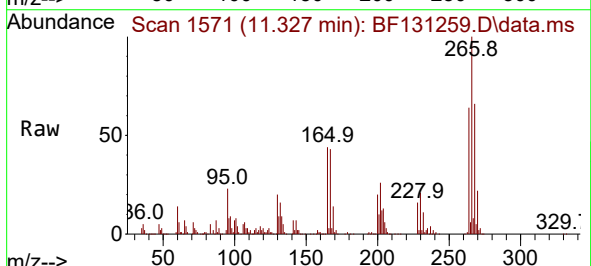
Manual Integrations

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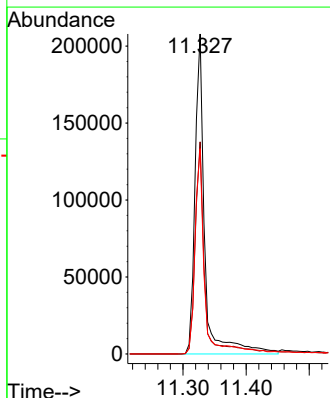
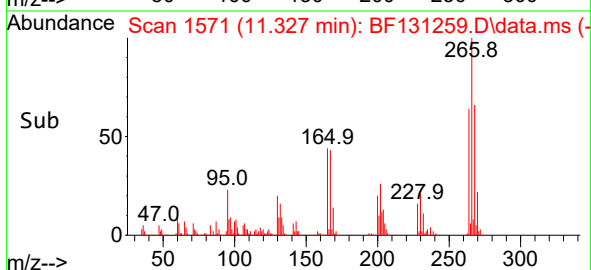
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

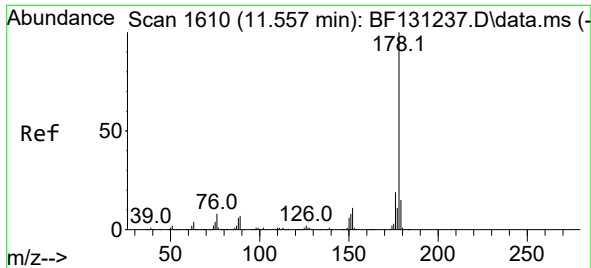


#70
 Pentachlorophenol
 Concen: 80.079 ng
 RT: 11.327 min Scan# 1571
 Delta R.T. 0.006 min
 Lab File: BF131259.D
 Acq: 16 Nov 2022 11:52



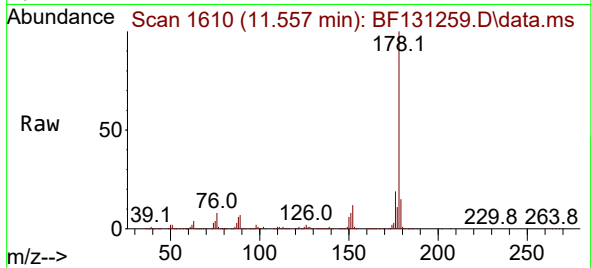
Tgt Ion:266 Resp: 222534
 Ion Ratio Lower Upper
 266 100
 268 66.3 50.5 75.7
 264 64.2 50.4 75.6





#71
Phenanthrene
Concen: 40.017 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

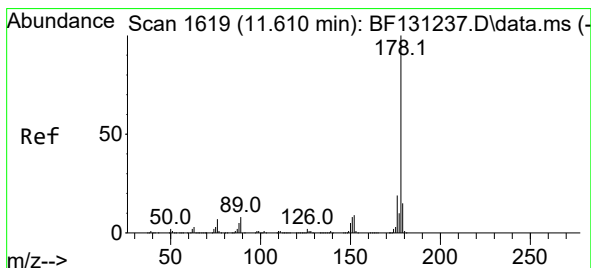
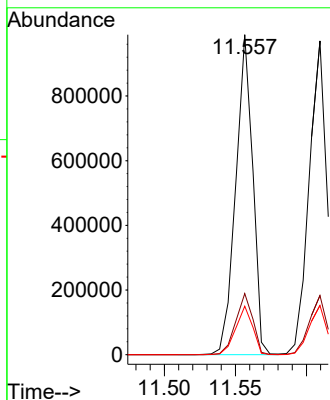
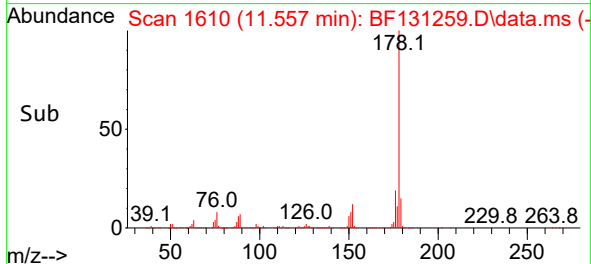
Instrument :
BNA_F
ClientSampleId :
PB148810BS



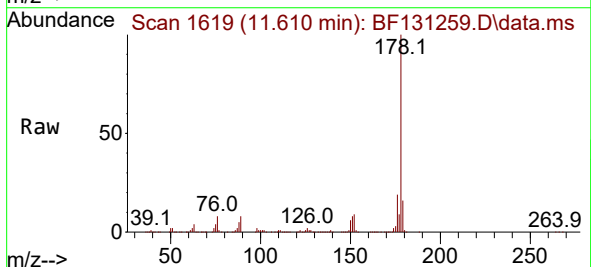
Tgt Ion:178 Resp: 826334
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.1 18.1

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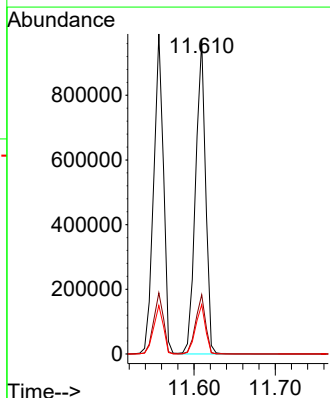
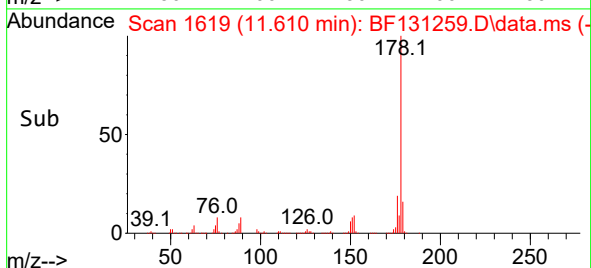
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

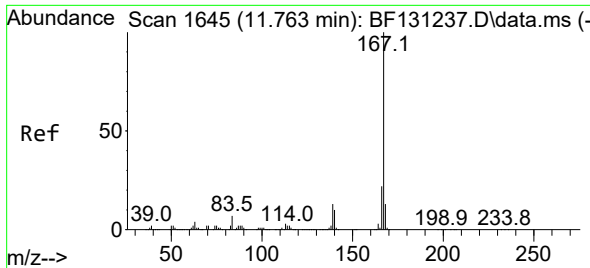


#72
Anthracene
Concen: 41.519 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



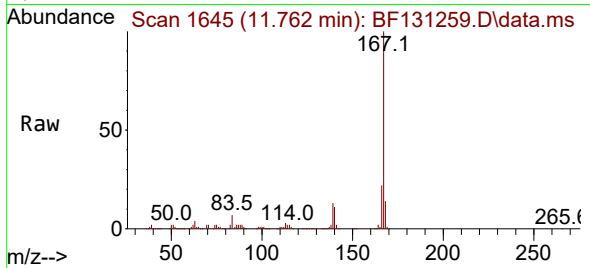
Tgt Ion:178 Resp: 837518
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.7 12.2 18.2





#73
 Carbazole
 Concen: 41.037 ng
 RT: 11.762 min Scan# 1645
 Delta R.T. -0.000 min
 Lab File: BF131259.D
 Acq: 16 Nov 2022 11:52

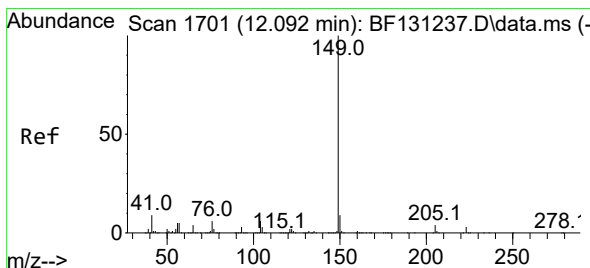
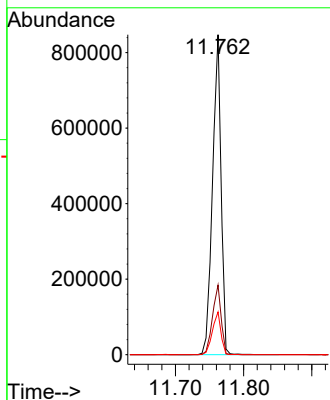
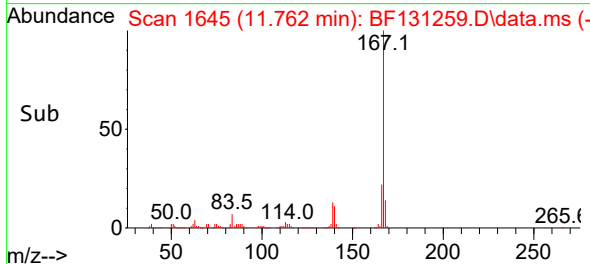
Instrument :
 BNA_F
 ClientSampleId :
 PB148810BS



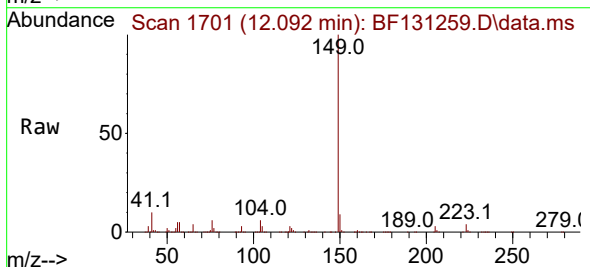
Tgt Ion:167 Resp: 740975
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.3 10.3 15.5

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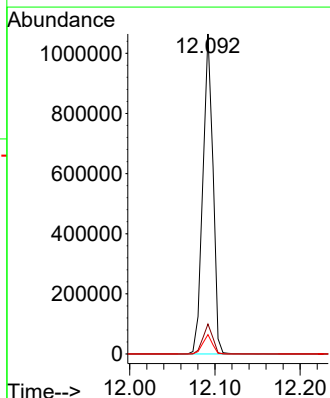
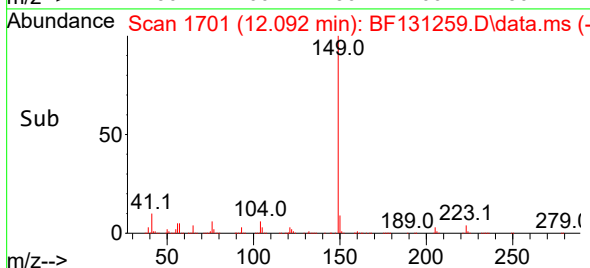
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

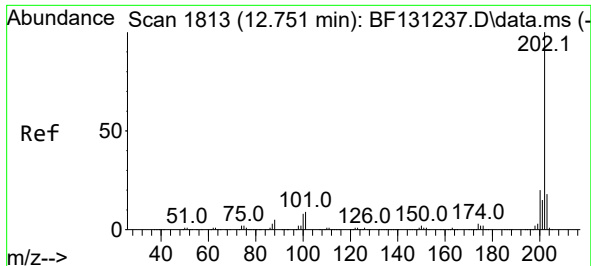


#74
 Di-n-butylphthalate
 Concen: 41.545 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: BF131259.D
 Acq: 16 Nov 2022 11:52



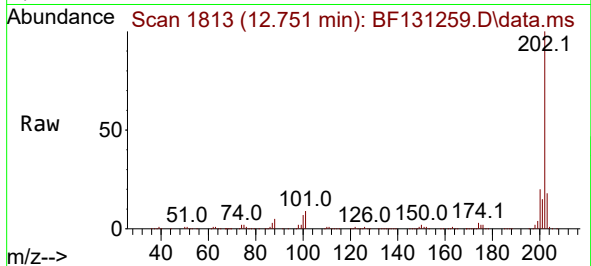
Tgt Ion:149 Resp: 873029
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 6.1 4.5 6.7





#75
Fluoranthene
Concen: 40.395 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

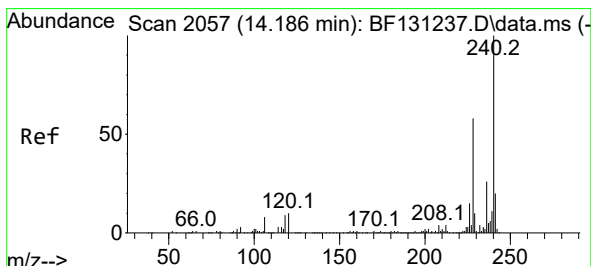
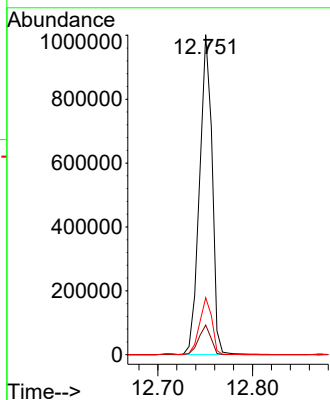
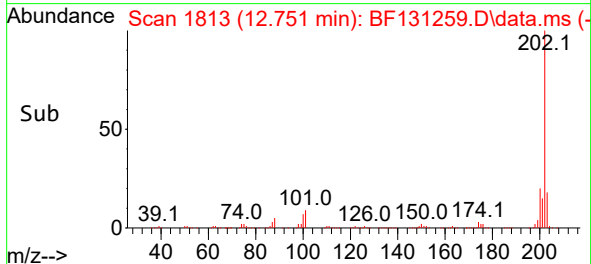
Instrument :
BNA_F
ClientSampleId :
PB148810BS



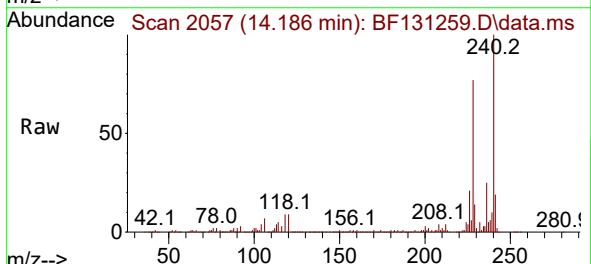
Tgt Ion:202 Resp: 91993
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.4
203 17.8 0.0 37.7

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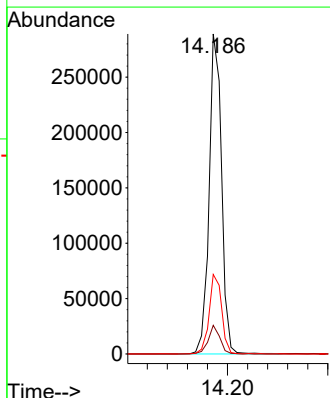
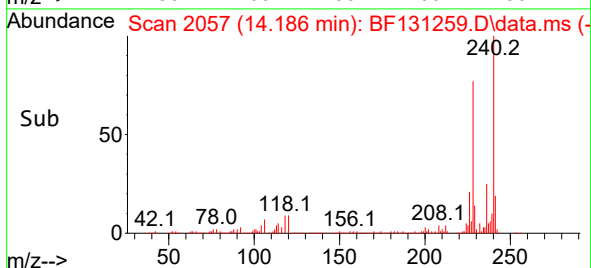
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

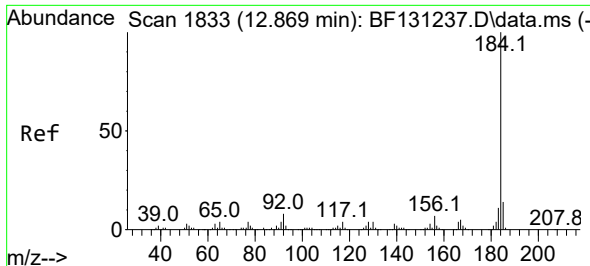


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



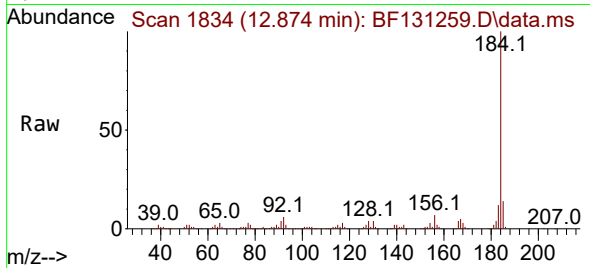
Tgt Ion:240 Resp: 249394
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 24.8 20.6 31.0





#77
Benzidine
Concen: 33.833 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.005 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

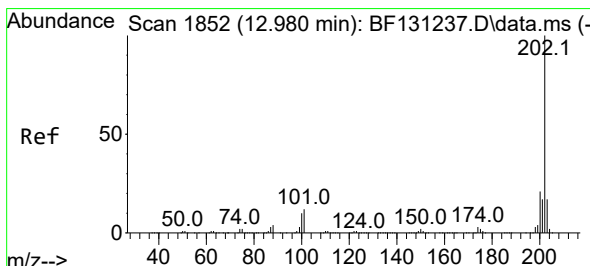
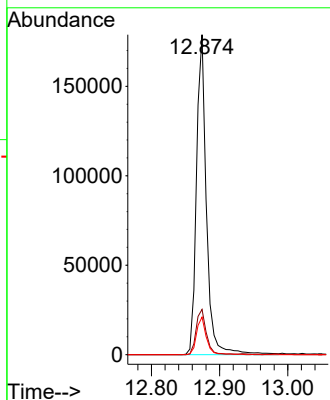
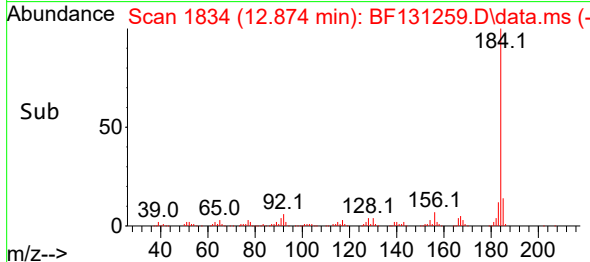
Instrument :
BNA_F
ClientSampleId :
PB148810BS



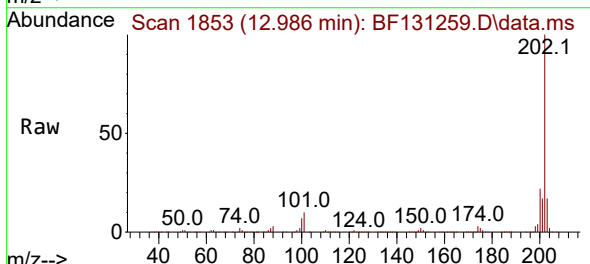
Tgt Ion:184 Resp: 180817
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 11.7 9.0 13.4

Manual Integrations
APPROVED

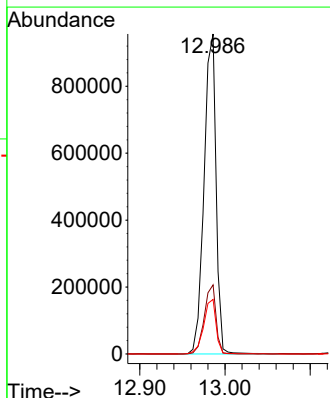
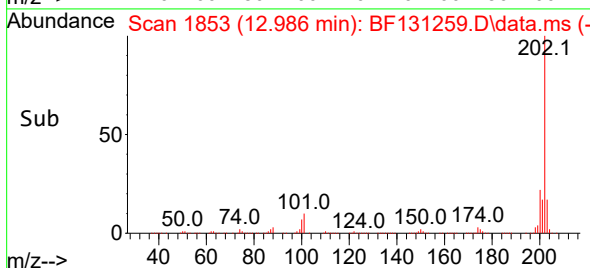
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

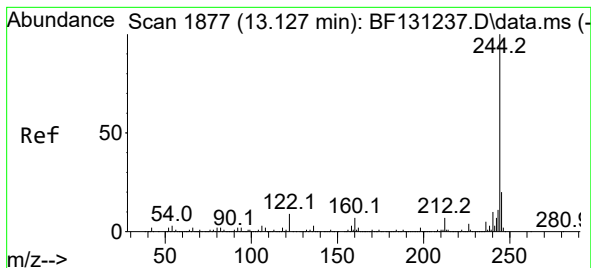


#78
Pyrene
Concen: 43.542 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:202 Resp: 936078
Ion Ratio Lower Upper
202 100
200 21.6 16.4 24.6
203 17.1 14.0 21.0





#79

Terphenyl-d14

Concen: 95.181 ng

RT: 13.127 min Scan# 1877

Delta R.T. 0.000 min

Lab File: BF131259.D

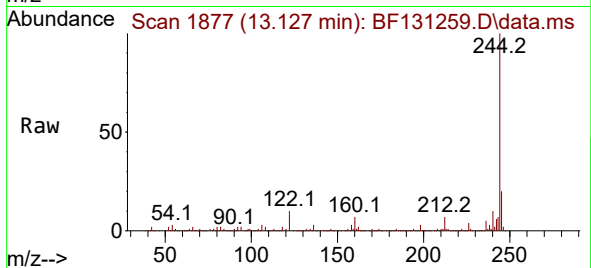
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS



Tgt Ion:244 Resp: 138229

Ion Ratio Lower Upper

244 100

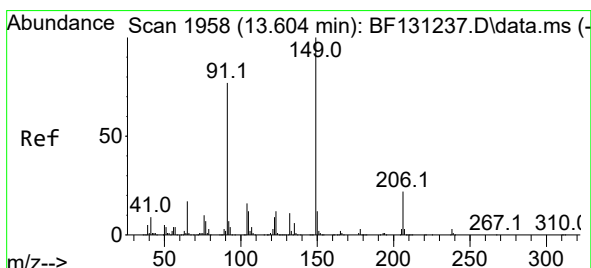
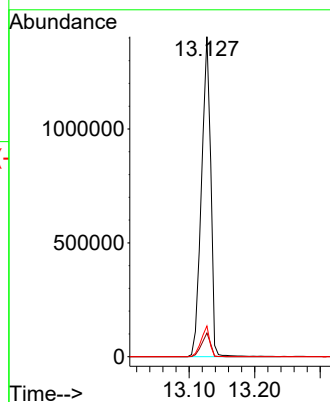
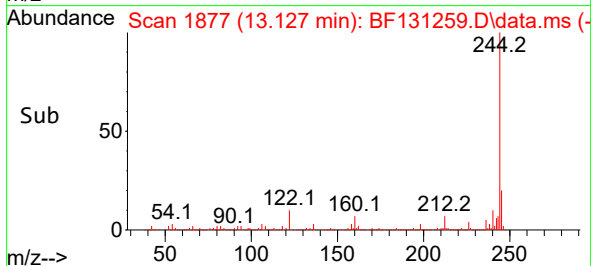
212 7.4 5.8 8.6

122 9.6 7.4 11.2

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 46.876 ng

RT: 13.603 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BF131259.D

Acq: 16 Nov 2022 11:52

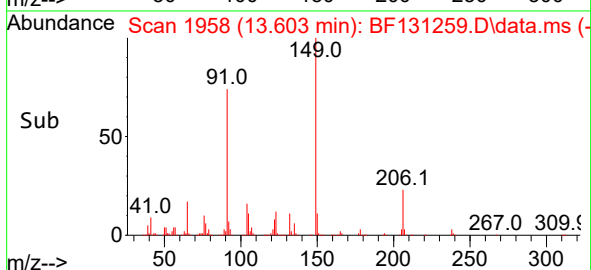
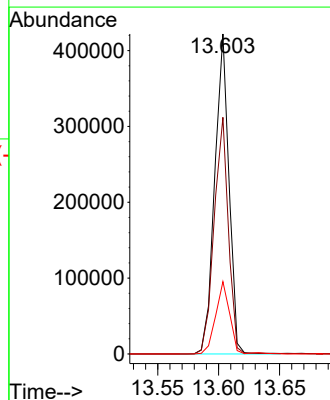
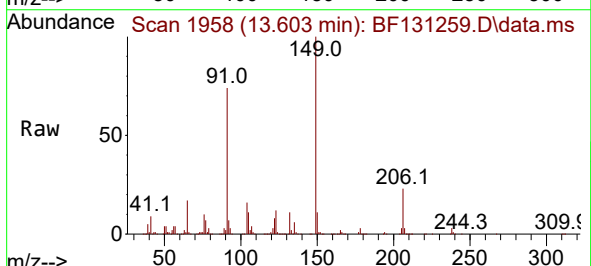
Tgt Ion:149 Resp: 341526

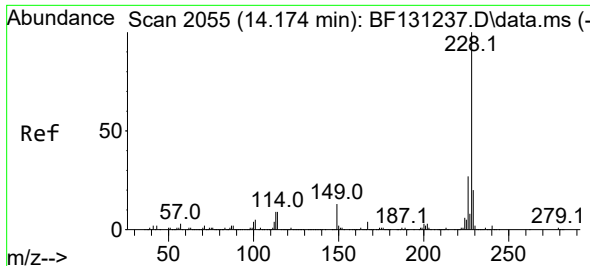
Ion Ratio Lower Upper

149 100

91 73.9 61.5 92.3

206 22.6 17.4 26.2





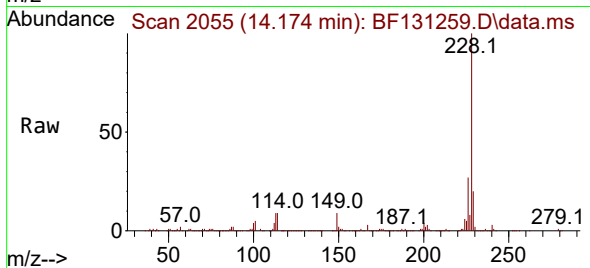
#81
Benzo(a)anthracene
Concen: 40.907 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

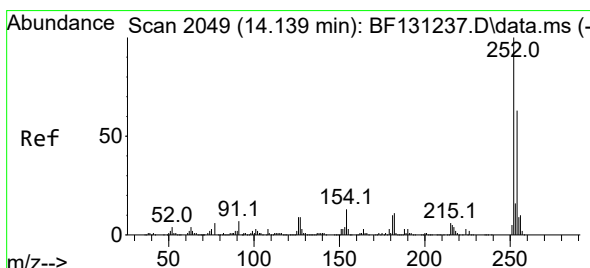
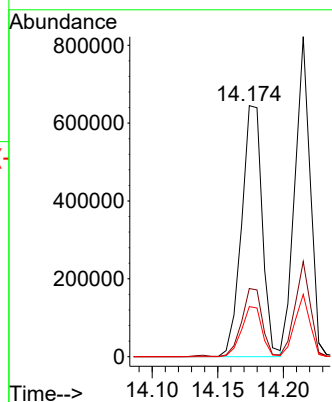
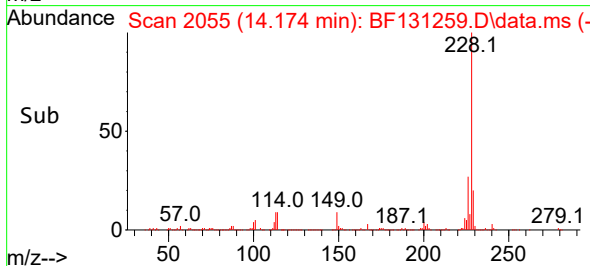


Tgt Ion:228 Resp: 709008
Ion Ratio Lower Upper
228 100
226 27.1 21.3 31.9
229 20.0 15.8 23.6

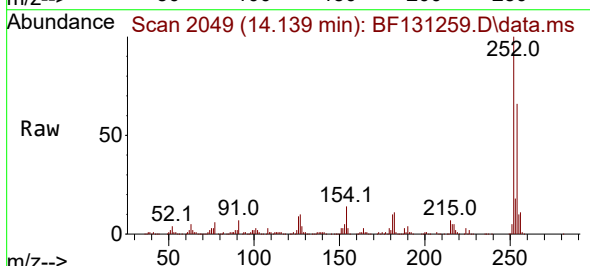
Manual Integrations

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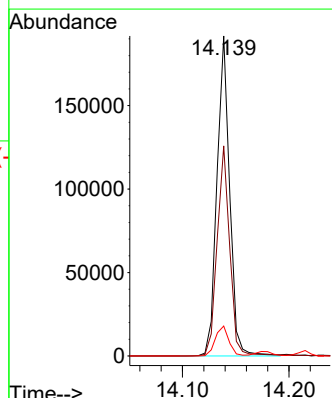
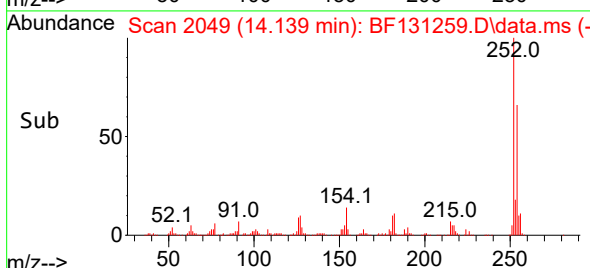
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

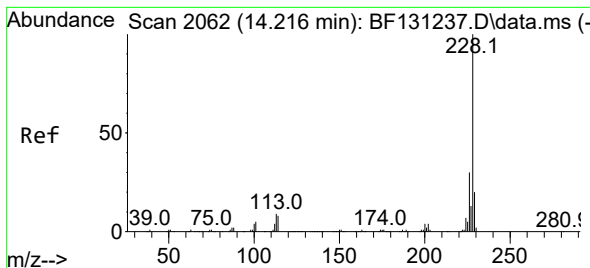


#82
3,3'-Dichlorobenzidine
Concen: 31.170 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:252 Resp: 158082
Ion Ratio Lower Upper
252 100
254 65.7 50.2 75.4
126 9.3 7.4 11.2





#83

Chrysene

Concen: 39.738 ng

RT: 14.215 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BF131259.D

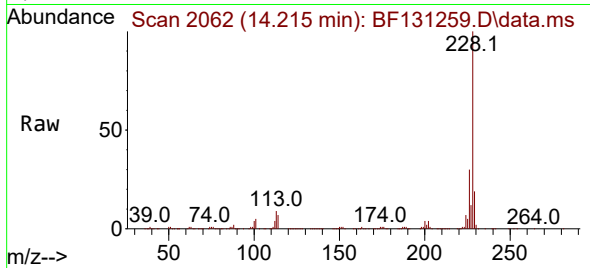
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS



Tgt Ion:228 Resp: 670970

Ion Ratio Lower Upper

228 100

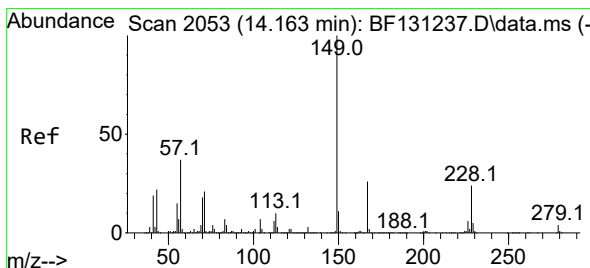
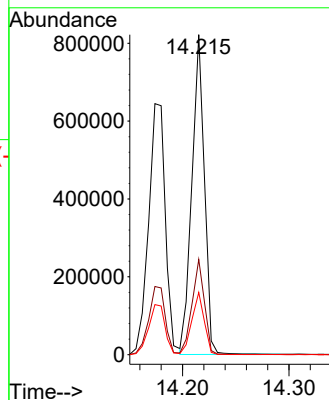
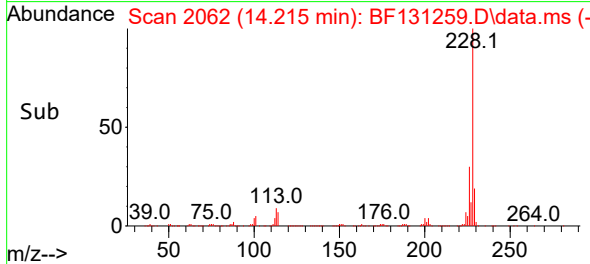
226 29.7 23.8 35.6

229 19.4 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: 45.693 ng

RT: 14.162 min Scan# 2053

Delta R.T. -0.000 min

Lab File: BF131259.D

Acq: 16 Nov 2022 11:52

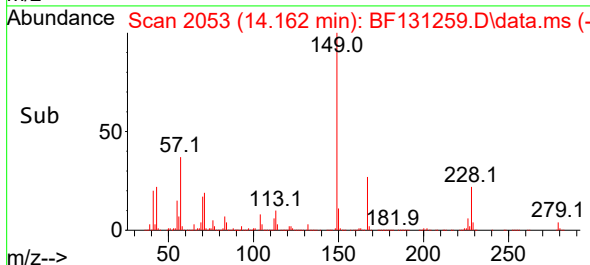
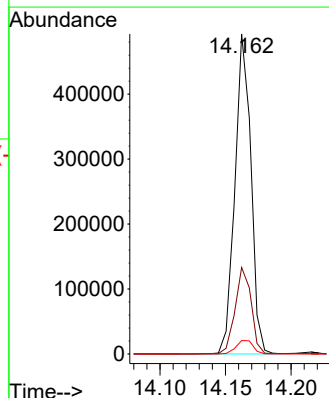
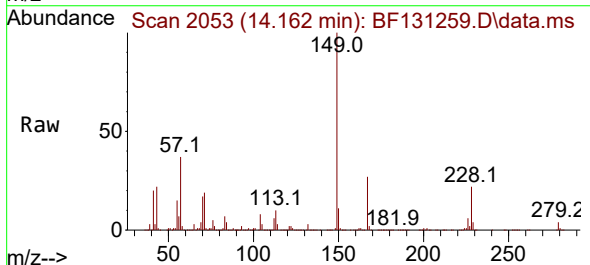
Tgt Ion:149 Resp: 418691

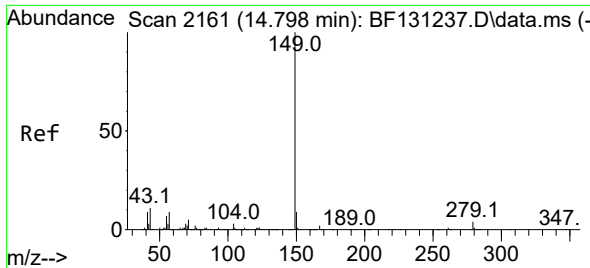
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

279 4.2 3.1 4.7





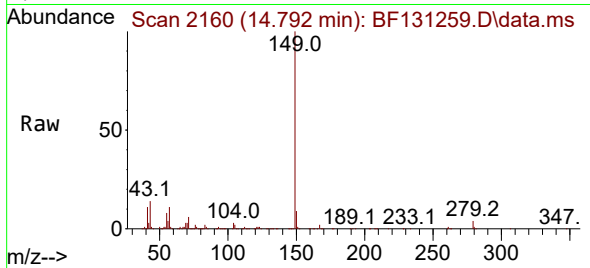
#85
Di-n-octyl phthalate
Concen: 43.978 ng
RT: 14.792 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

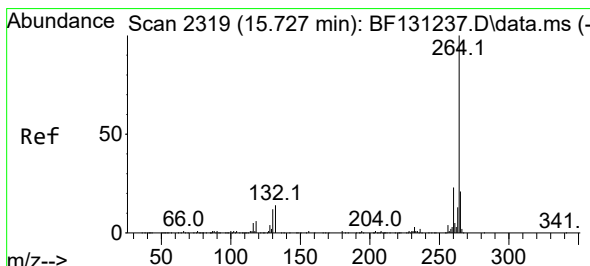
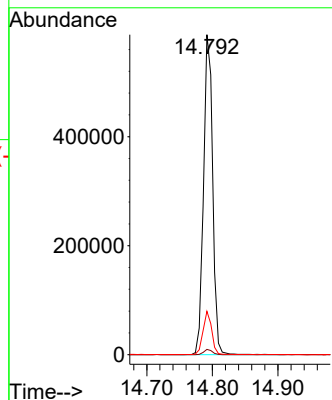
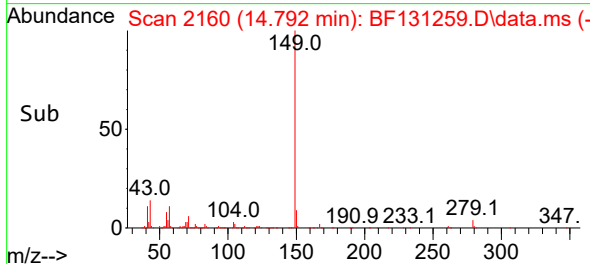


Tgt Ion:149 Resp: 56945
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.9 10.1 15.1

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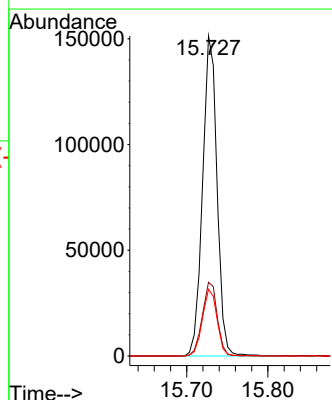
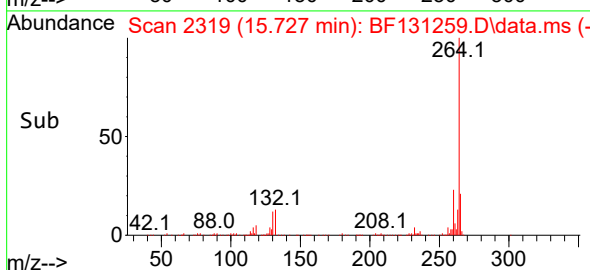
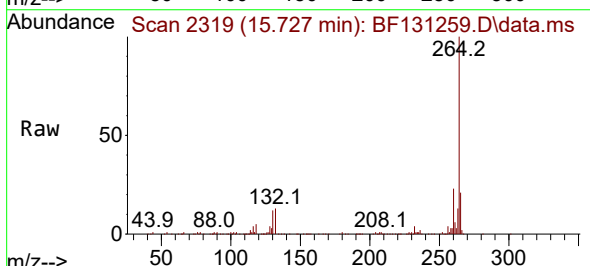
APPROVED

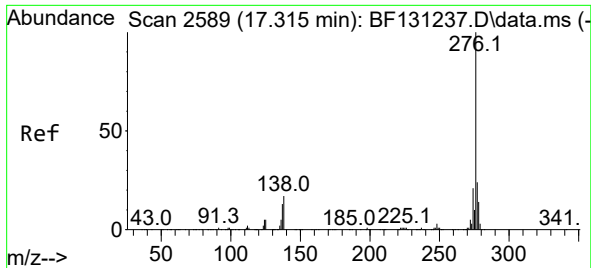
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 2319
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

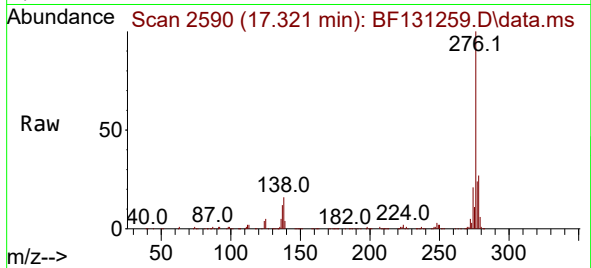
Tgt Ion:264 Resp: 186618
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 20.9 16.6 24.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.696 ng
RT: 17.321 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

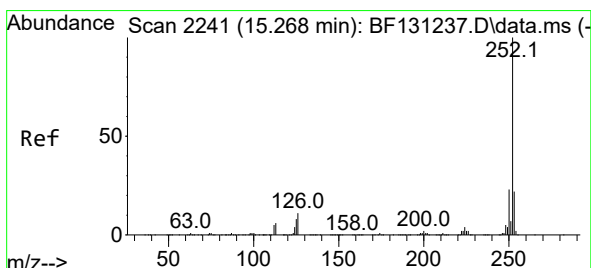
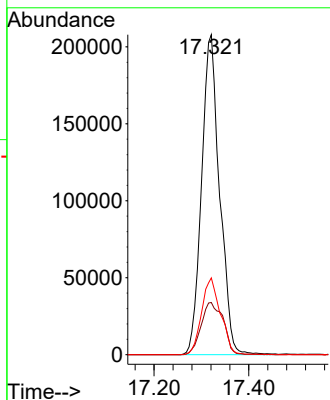
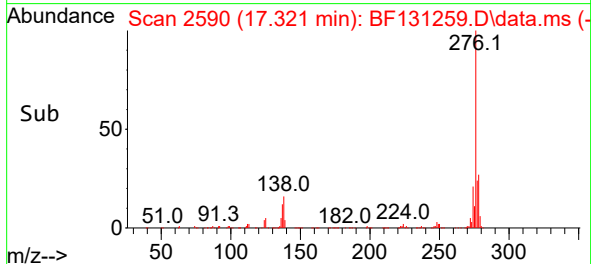
Instrument :
BNA_F
ClientSampleId :
PB148810BS



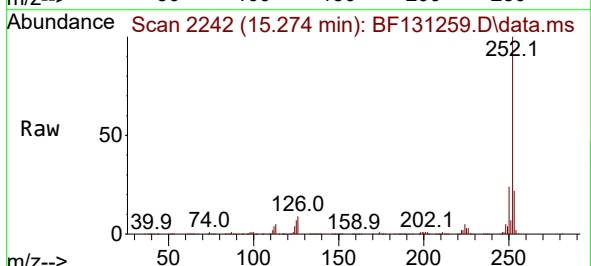
Tgt Ion:276 Resp: 55104
Ion Ratio Lower Upper
276 100
138 20.0 16.6 24.8
277 25.2 20.2 30.2

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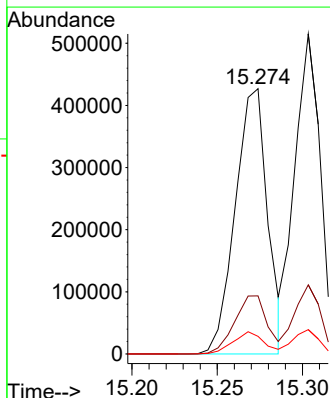
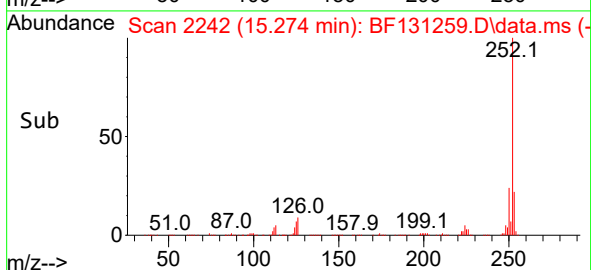
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

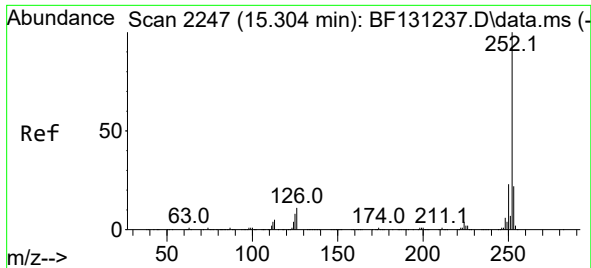


#88
Benzo(b)fluoranthene
Concen: 43.245 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:252 Resp: 563454
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 6.6 6.6 9.8





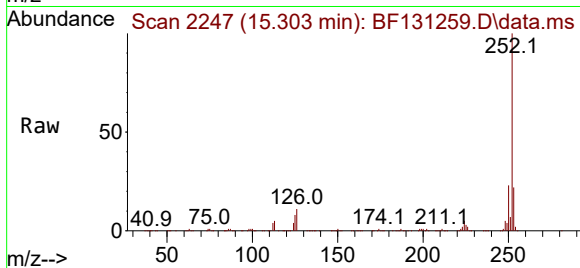
#89
Benzo(k)fluoranthene
Concen: 42.176 ng
RT: 15.303 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

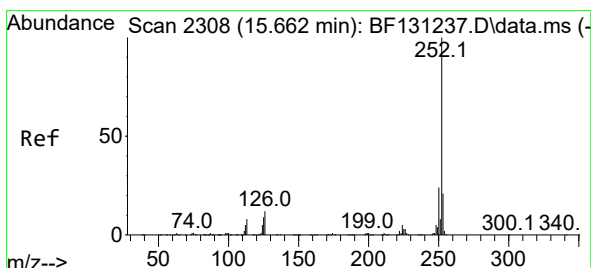
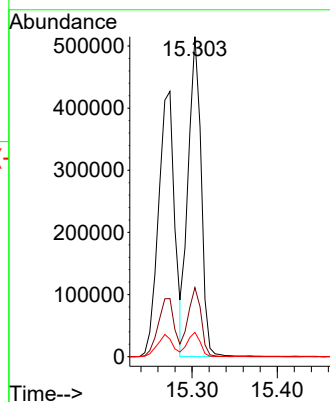
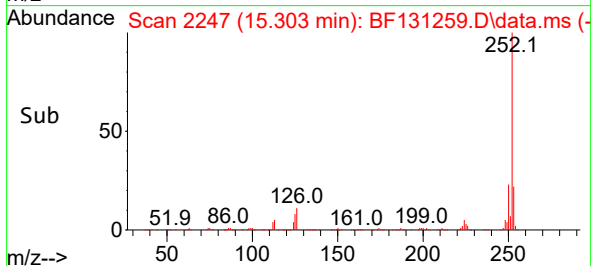


Tgt Ion:252 Resp: 544768
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 7.6 6.6 9.8

Manual Integrations

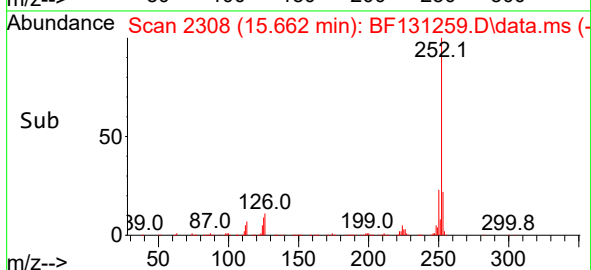
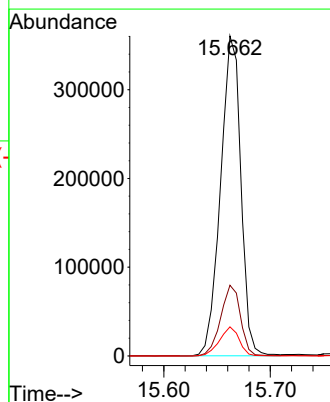
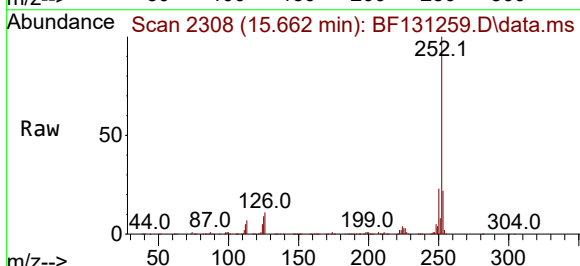
APPROVED

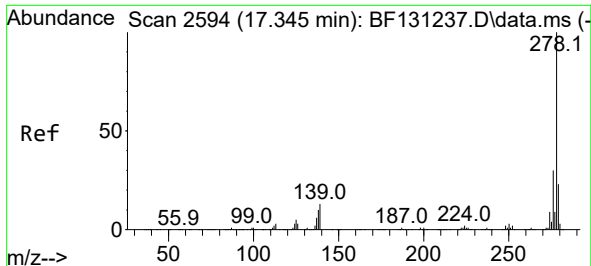
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#90
Benzo(a)pyrene
Concen: 45.732 ng
RT: 15.662 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Tgt Ion:252 Resp: 476321
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 9.1 7.0 10.4





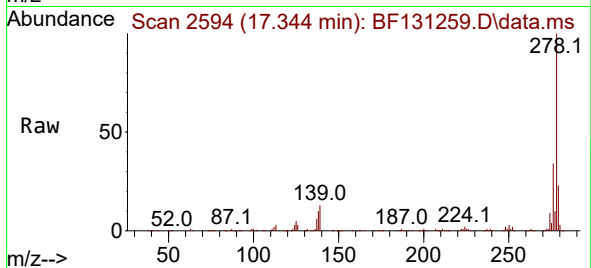
#91
Dibenzo(a,h)anthracene
Concen: 45.890 ng
RT: 17.344 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB148810BS

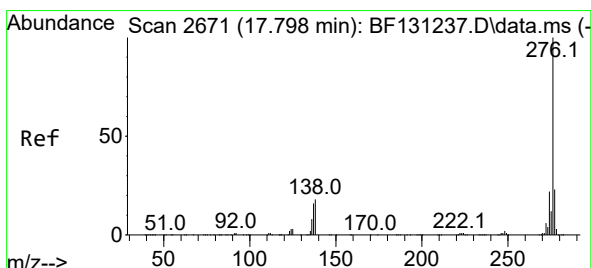
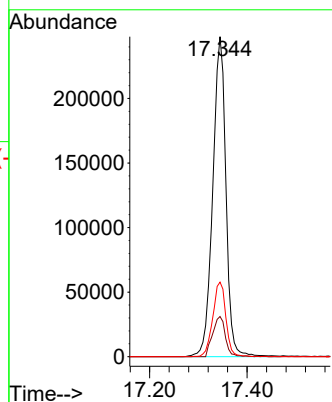
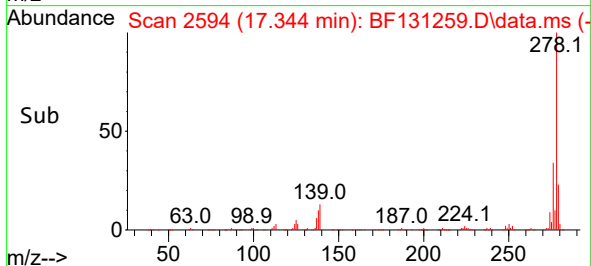


Tgt Ion:278 Resp: 464172
Ion Ratio Lower Upper
278 100
139 12.6 10.1 15.1
279 23.3 18.2 27.4

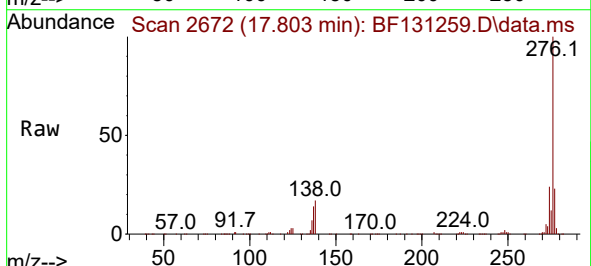
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 40.839 ng
RT: 17.803 min Scan# 2672
Delta R.T. 0.005 min
Lab File: BF131259.D
Acq: 16 Nov 2022 11:52



Tgt Ion:276 Resp: 455698
Ion Ratio Lower Upper
276 100
277 23.2 18.6 27.8
138 16.5 14.5 21.7

