

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102422\
 Data File : BF130757.D
 Acq On : 24 Oct 2022 11:57
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/25/2022
 Supervised By : mohammad ahmed 10/27/2022

Quant Time: Oct 24 13:22:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	92299	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	354079	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	193724	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	325193	20.000	ng	0.00
76) Chrysene-d12	13.716	240	202939	20.000	ng	0.01
86) Perylene-d12	15.092	264	145231	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	385983	72.112	ng	0.01
7) Phenol-d6	6.234	99	547663	84.567	ng	0.01
23) Nitrobenzene-d5	7.145	82	549244	82.287	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	145346	78.893	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1036348	81.524	ng	0.00
79) Terphenyl-d14	12.663	244	1008726	83.763	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.122	88	115076	36.136	ng	94
3) Pyridine	2.781	79	241694	39.367	ng	96
4) n-Nitrosodimethylamine	2.757	42	102765	37.676	ng	90
6) Aniline	6.234	93	332314	44.539	ng	# 79
8) 2-Chlorophenol	6.357	128	256461	41.409	ng	99
9) Benzaldehyde	6.122	77	164842	43.596	ng	94
10) Phenol	6.245	94	318582	44.621	ng	87
11) bis(2-Chloroethyl)ether	6.316	93	229502	43.278	ng	97
12) 1,3-Dichlorobenzene	6.504	146	263896	39.223	ng	98
13) 1,4-Dichlorobenzene	6.581	146	286082	41.340	ng	98
14) 1,2-Dichlorobenzene	6.734	146	260223	39.801	ng	97
15) Benzyl Alcohol	6.734	79	196527	41.371	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.851	45	306175	45.011	ng	69
17) 2-Methylphenol	6.851	107	205807	40.394	ng	97
18) Hexachloroethane	7.069	117	105601	40.859	ng	93
19) n-Nitroso-di-n-propyla...	6.998	70	177942	40.663	ng	100
20) 3+4-Methylphenols	7.010	107	267232	40.017	ng	# 80
22) Acetophenone	6.992	105	345087	39.952	ng	# 99
24) Nitrobenzene	7.163	77	275725	40.608	ng	99
25) Isophorone	7.404	82	443176	40.298	ng	99
26) 2-Nitrophenol	7.475	139	132438	38.903	ng	# 91
27) 2,4-Dimethylphenol	7.528	122	194672	42.265	ng	98
28) bis(2-Chloroethoxy)met...	7.616	93	263337	41.338	ng	99
29) 2,4-Dichlorophenol	7.728	162	206990	40.755	ng	99
30) 1,2,4-Trichlorobenzene	7.792	180	223104	41.830	ng	97
31) Naphthalene	7.875	128	747081	40.921	ng	99
32) Benzoic acid	7.704	122	74693m	30.516	ng	
33) 4-Chloroaniline	7.934	127	300112	42.728	ng	97
34) Hexachlorobutadiene	7.981	225	130825	38.580	ng	98
35) Caprolactam	8.334	113	66163	41.682	ng	# 82
36) 4-Chloro-3-methylphenol	8.434	107	229884	41.880	ng	97
37) 2-Methylnaphthalene	8.563	142	452895	37.861	ng	99
38) 1-Methylnaphthalene	8.657	142	441782	37.251	ng	100
40) 1,2,4,5-Tetrachloroben...	8.728	216	195298	37.992	ng	99
41) Hexachlorocyclopentadiene	8.710	237	10742	32.344	ng	97
43) 2,4,6-Trichlorophenol	8.851	196	131560	40.664	ng	97

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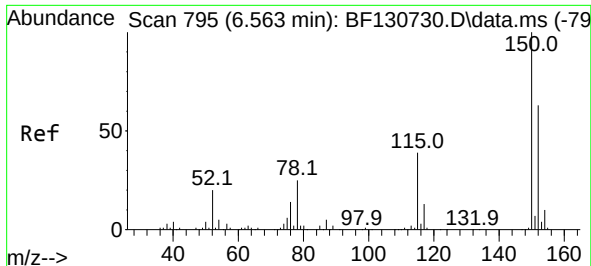
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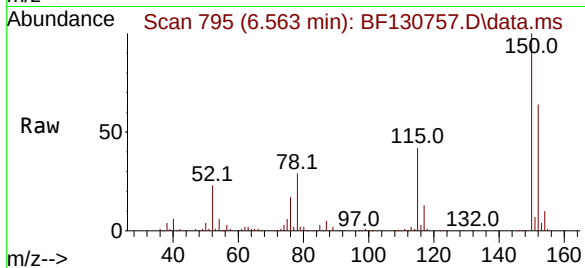
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	142311	40.446	ng	96
46) 1,1'-Biphenyl	9.028	154	571198	42.273	ng	99
47) 2-Chloronaphthalene	9.051	162	474924	42.265	ng	99
48) 2-Nitroaniline	9.163	65	149476	43.339	ng	89
49) Acenaphthylene	9.463	152	702540	42.432	ng	100
50) Dimethylphthalate	9.339	163	545656	41.875	ng	100
51) 2,6-Dinitrotoluene	9.410	165	123750	42.409	ng	97
52) Acenaphthene	9.633	154	434221	42.194	ng	99
53) 3-Nitroaniline	9.581	138	134839	40.553	ng	99
54) 2,4-Dinitrophenol	9.704	184	51373m	47.364	ng	
55) Dibenzofuran	9.804	168	658213	41.553	ng	99
56) 4-Nitrophenol	9.804	139	324902	176.295	ng	# 11
57) 2,4-Dinitrotoluene	9.816	165	165392	42.076	ng	99
58) Fluorene	10.145	166	495887	37.642	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.939	232	100209	35.824	ng	94
60) Diethylphthalate	10.033	149	508535	37.825	ng	99
61) 4-Chlorophenyl-phenyle...	10.139	204	225282	38.153	ng	92
62) 4-Nitroaniline	10.198	138	115647	36.667	ng	99
63) Azobenzene	10.298	77	503866	42.685	ng	95
65) 4,6-Dinitro-2-methylph...	10.228	198	79145	40.721	ng	87
66) n-Nitrosodiphenylamine	10.263	169	427590	38.143	ng	100
67) 4-Bromophenyl-phenylether	10.627	248	148608	37.991	ng	97
68) Hexachlorobenzene	10.692	284	176097	39.387	ng	96
69) Atrazine	10.798	200	134238	43.239	ng	98
70) Pentachlorophenol	10.904	266	33708	40.384	ng	99
71) Phenanthrene	11.104	178	765266	42.914	ng	99
72) Anthracene	11.157	178	760254	42.722	ng	99
73) Carbazole	11.322	167	650966	39.620	ng	100
74) Di-n-butylphthalate	11.645	149	864142	42.762	ng	99
75) Fluoranthene	12.286	202	730492	40.520	ng	99
77) Benzidine	12.421	184	237507	90.558	ng	99
78) Pyrene	12.516	202	765758	44.954	ng	99
80) Butylbenzylphthalate	13.133	149	308098	45.582	ng	88
81) Benzo(a)anthracene	13.704	228	566166	41.753	ng	99
82) 3,3'-Dichlorobenzidine	13.668	252	167762	42.603	ng	99
83) Chrysene	13.739	228	497259	37.848	ng	99
84) Bis(2-ethylhexyl)phtha...	13.692	149	369059	46.092	ng	99
85) Di-n-octyl phthalate	14.304	149	458966	43.479	ng	99
87) Indeno(1,2,3-cd)pyrene	16.392	276	456068	43.786	ng	98
88) Benzo(b)fluoranthene	14.710	252	365185	37.765	ng	99
89) Benzo(k)fluoranthene	14.739	252	388880	40.029	ng	99
90) Benzo(a)pyrene	15.033	252	315167	40.580	ng	98
91) Dibenzo(a,h)anthracene	16.392	278	379874	44.136	ng	99
92) Benzo(g,h,i)perylene	16.780	276	415387	48.122	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

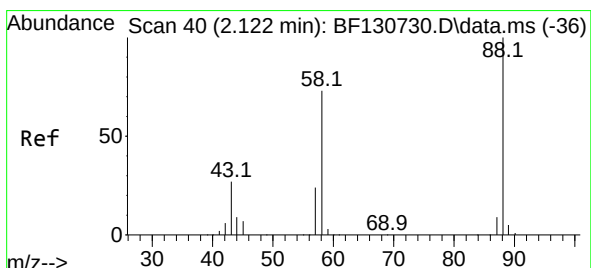
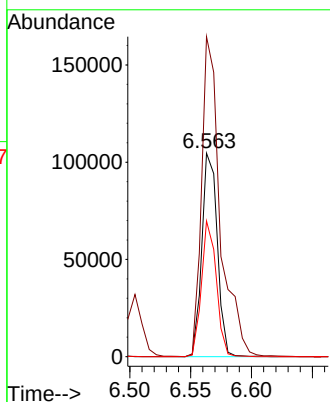
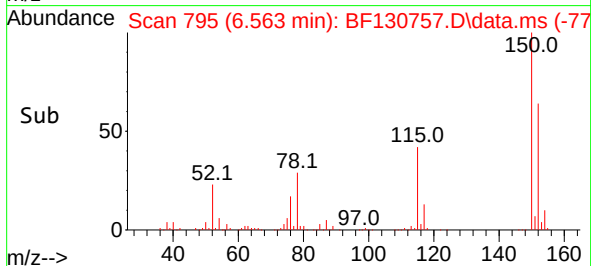
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



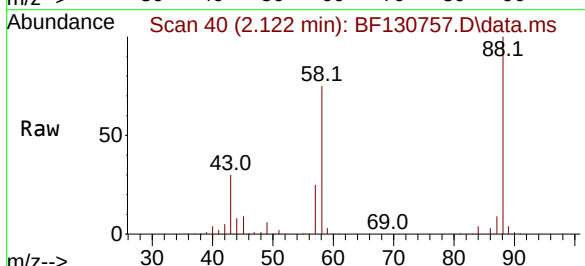
Tgt Ion:152 Resp: 92299
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 66.7 49.9 74.9

Manual Integrations
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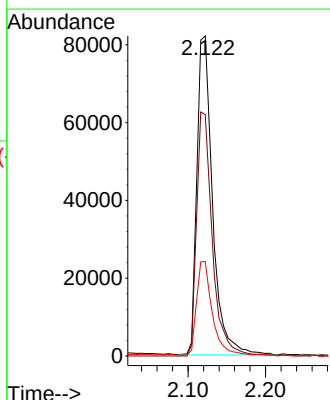
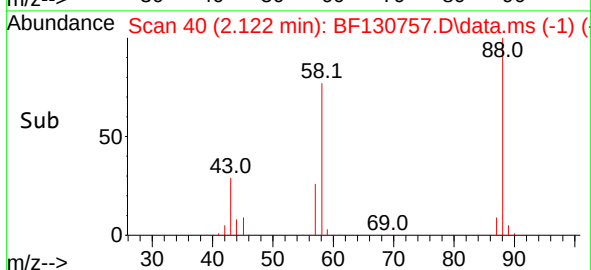
Reviewed By :Christian Giraldo 10/25/2022
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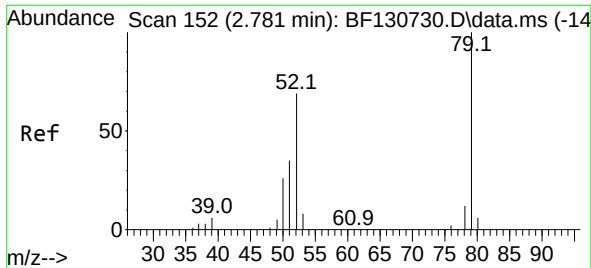


#2
1,4-Dioxane
Concen: 36.136 ng
RT: 2.122 min Scan# 40
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



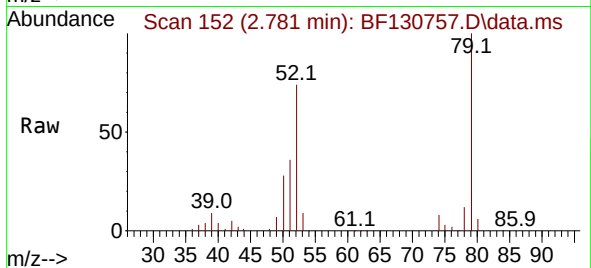
Tgt Ion: 88 Resp: 115076
Ion Ratio Lower Upper
88 100
58 76.6 57.1 85.7
43 29.1 21.4 32.2





#3
Pyridine
Concen: 39.367 ng
RT: 2.781 min Scan# 152
Delta R.T. -0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

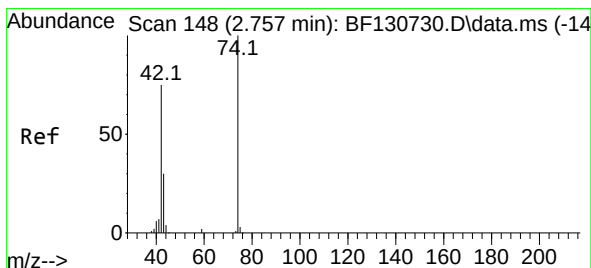
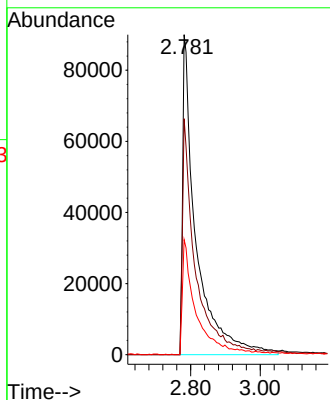
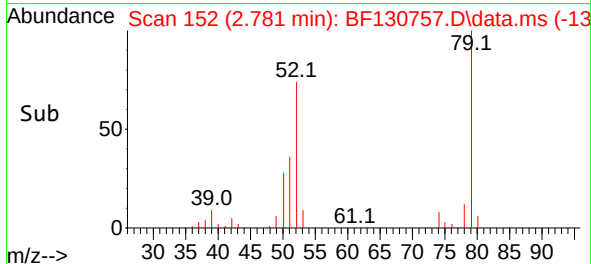
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 241694
Ion Ratio Lower Upper
79 100
52 73.7 55.4 83.0
51 36.0 28.1 42.1

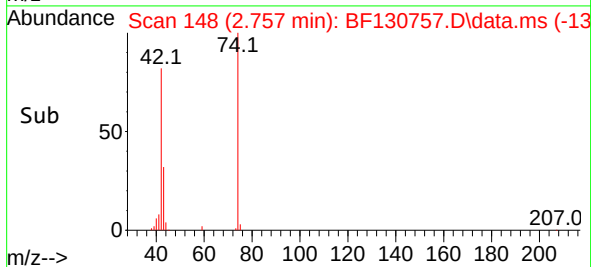
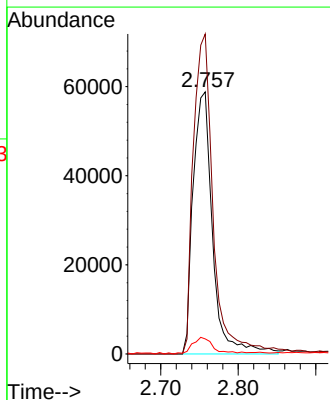
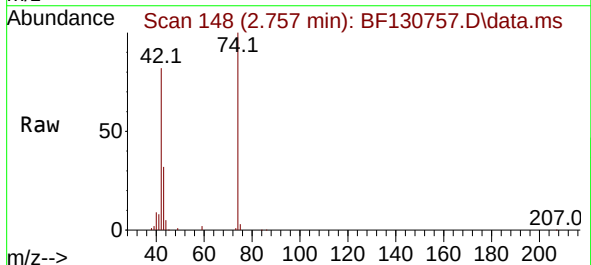
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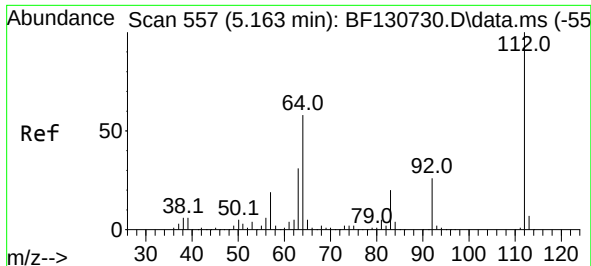
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#4
n-Nitrosodimethylamine
Concen: 37.676 ng
RT: 2.757 min Scan# 148
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Tgt Ion: 42 Resp: 102765
Ion Ratio Lower Upper
42 100
74 122.1 107.3 160.9
44 5.8 4.6 7.0





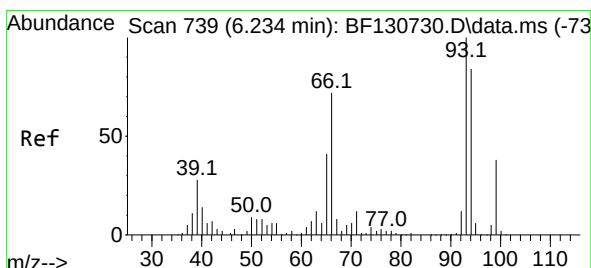
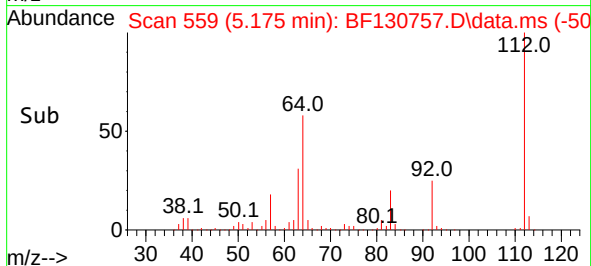
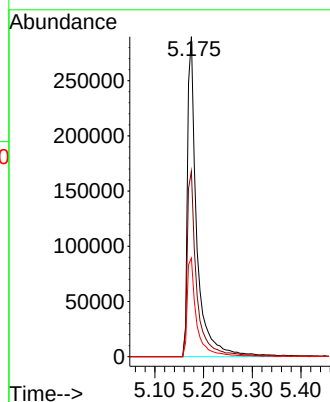
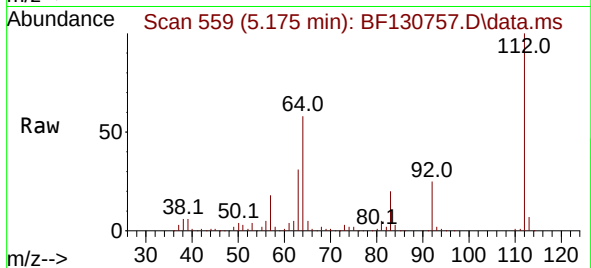
#5
2-Fluorophenol
Concen: 72.112 ng
RT: 5.175 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 38598
Ion Ratio Lower Upper
112 100
64 57.9 46.2 69.4
63 30.8 25.1 37.7

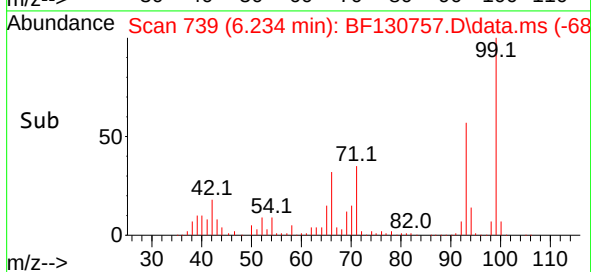
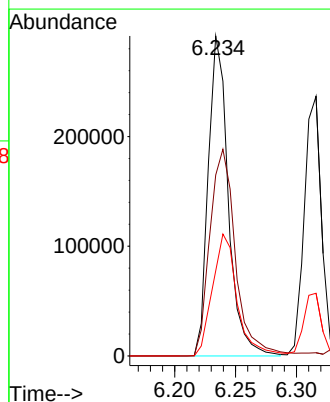
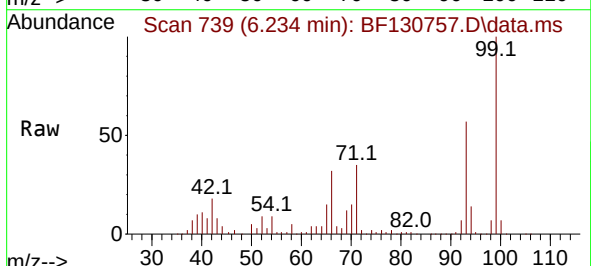
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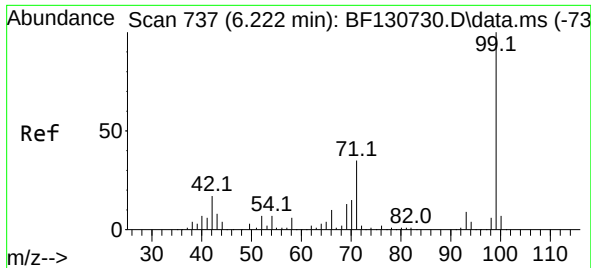
Reviewed By :Christian Giraldo 10/25/2022
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#6
Aniline
Concen: 44.539 ng
RT: 6.234 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

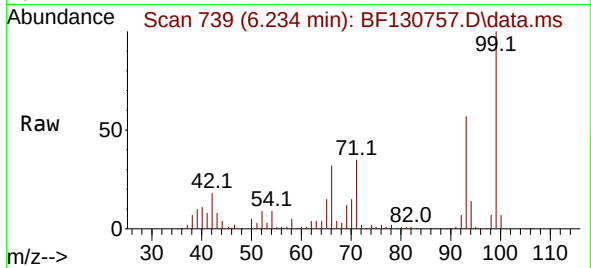
Tgt Ion: 93 Resp: 332314
Ion Ratio Lower Upper
93 100
66 56.6 57.9 86.9#
65 26.6 33.0 49.6#





#7
Phenol-d6
Concen: 84.567 ng
RT: 6.234 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

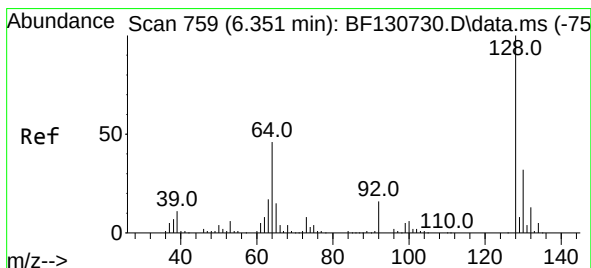
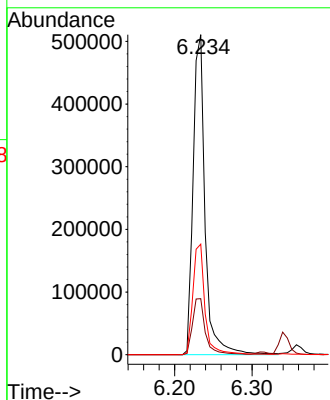
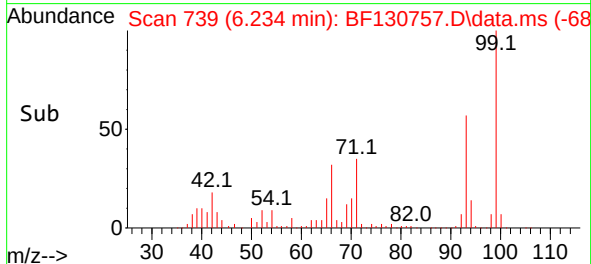
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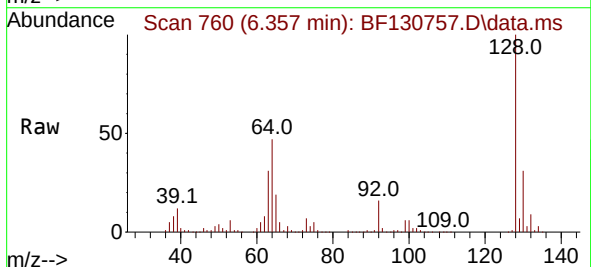
Tgt Ion: 99 Resp: 54766
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.8
71 34.5 28.3 42.5

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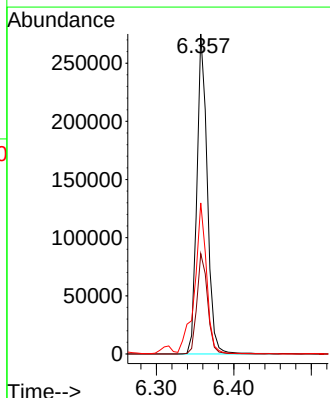
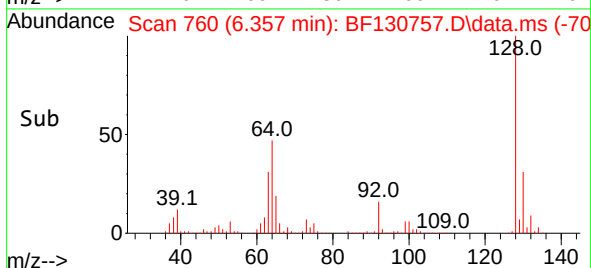
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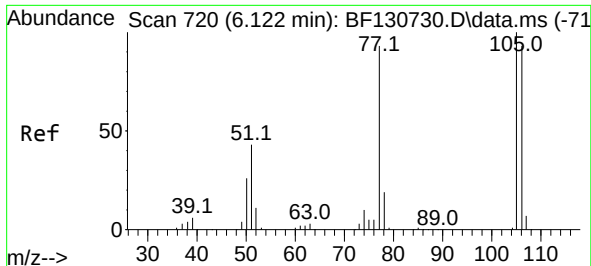


#8
2-Chlorophenol
Concen: 41.409 ng
RT: 6.357 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



Tgt Ion:128 Resp: 256461
Ion Ratio Lower Upper
128 100
130 31.4 12.1 52.1
64 47.2 26.8 66.8





#9

Benzaldehyde

Concen: 43.596 ng

RT: 6.122 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 16484

Ion Ratio Lower Upper

77 100

105 98.2 87.1 127.1

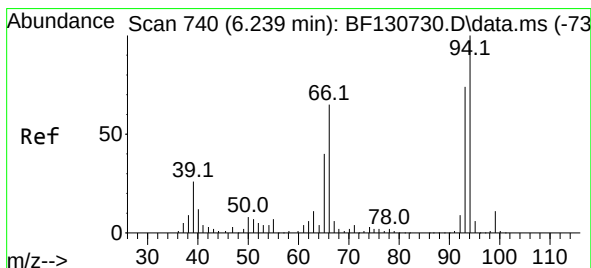
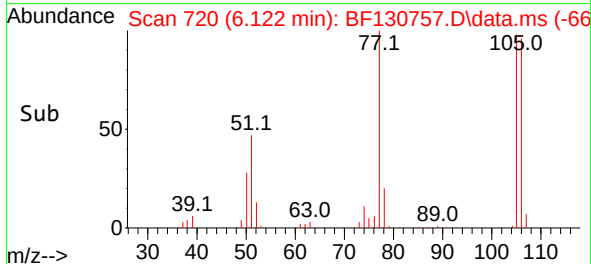
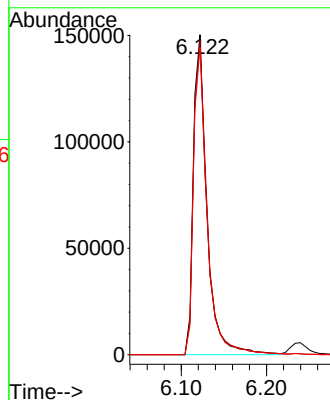
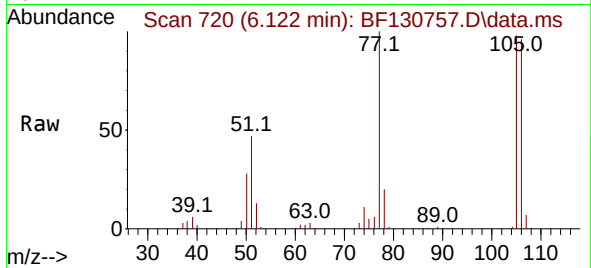
106 96.0 79.5 119.5

Manual Integrations

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#10

Phenol

Concen: 44.621 ng

RT: 6.245 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

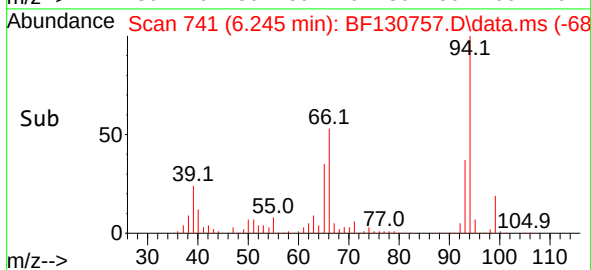
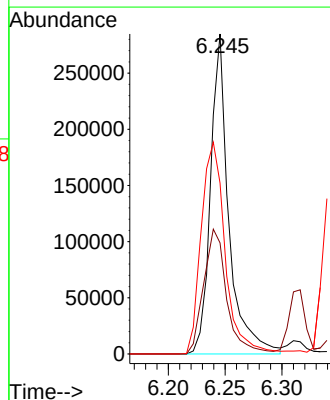
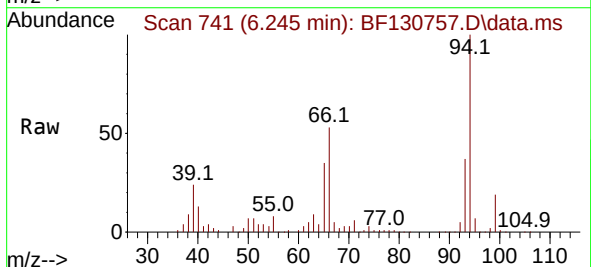
Tgt Ion: 94 Resp: 318582

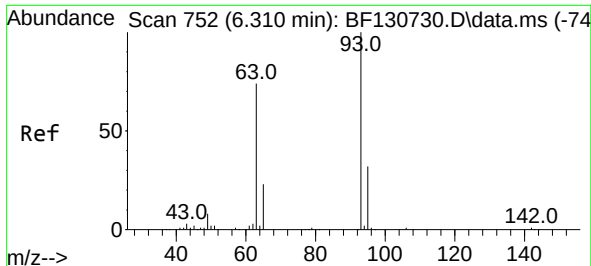
Ion Ratio Lower Upper

94 100

65 34.7 20.3 60.3

66 53.4 45.2 85.2





#11
bis(2-Chloroethyl)ether
Concen: 43.278 ng
RT: 6.316 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

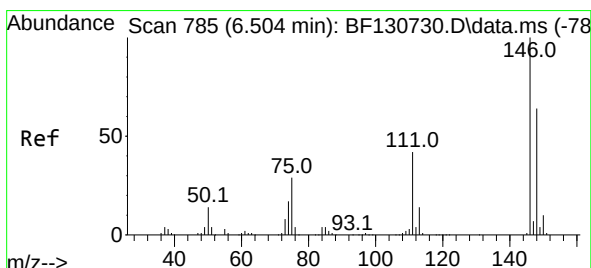
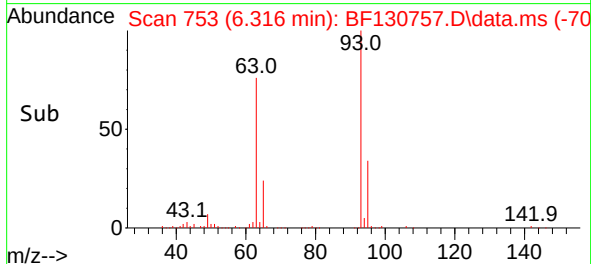
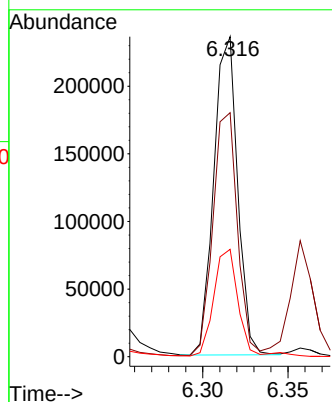
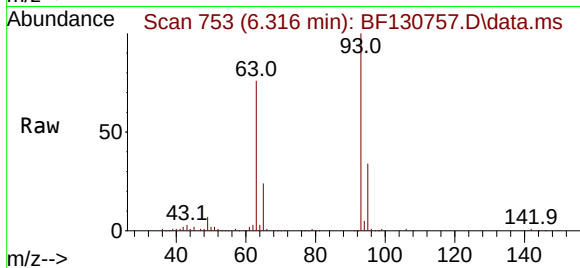
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 22950
Ion Ratio Lower Upper
93 100
63 76.3 53.6 93.6
95 33.6 11.8 51.8

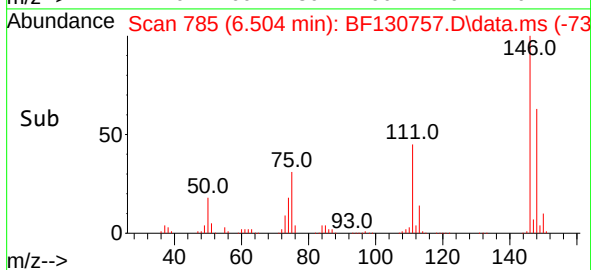
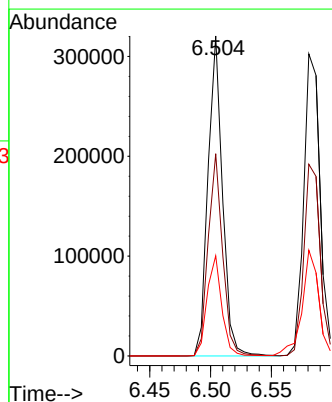
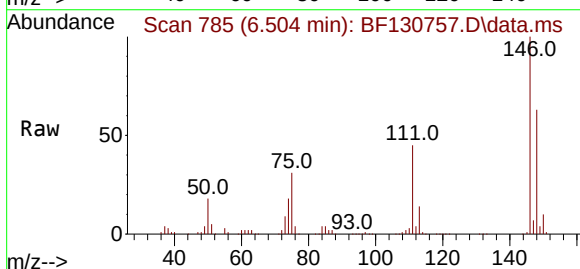
Manual Integrations
APPROVED

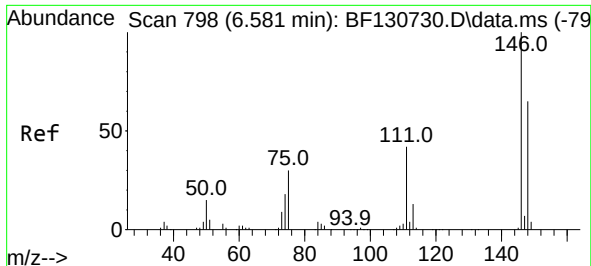
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#12
1,3-Dichlorobenzene
Concen: 39.223 ng
RT: 6.504 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Tgt Ion:146 Resp: 263896
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
75 31.3 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 41.340 ng

RT: 6.581 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 286082

Ion Ratio Lower Upper

146 100

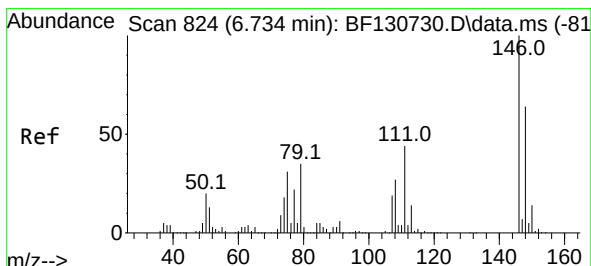
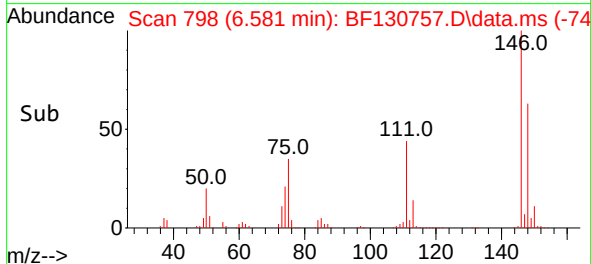
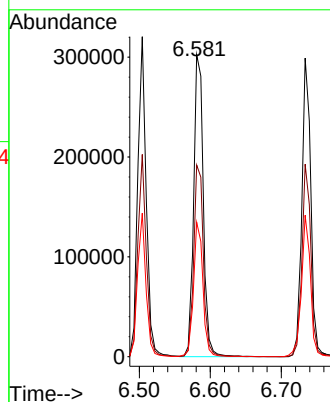
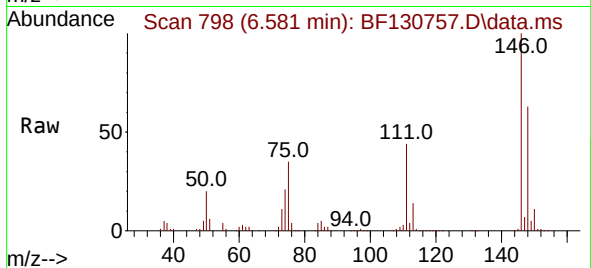
148 63.4 51.8 77.6

111 44.5 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#14

1,2-Dichlorobenzene

Concen: 39.801 ng

RT: 6.734 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

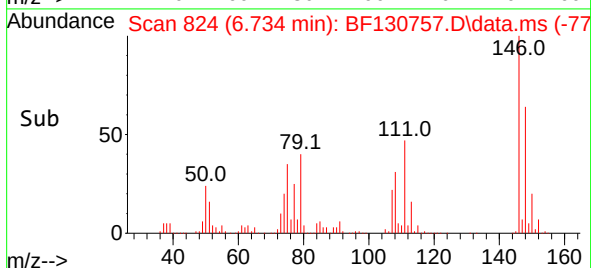
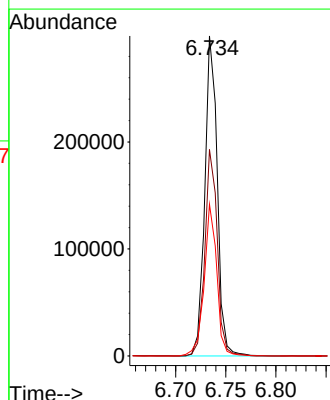
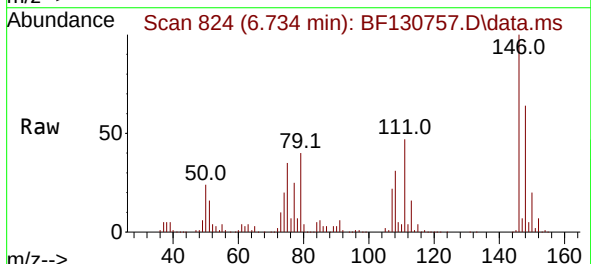
Tgt Ion:146 Resp: 260223

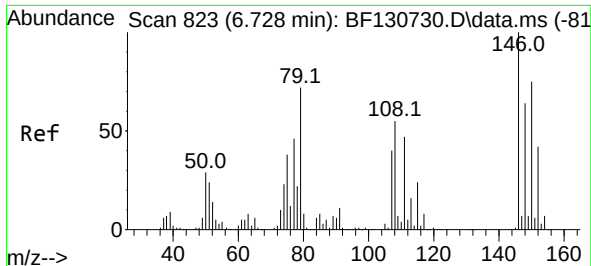
Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

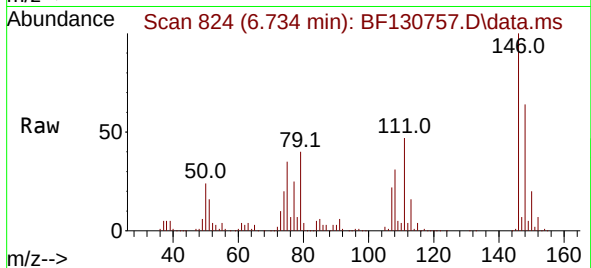
111 47.4 35.5 53.3





#15
Benzyl Alcohol
Concen: 41.371 ng
RT: 6.734 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

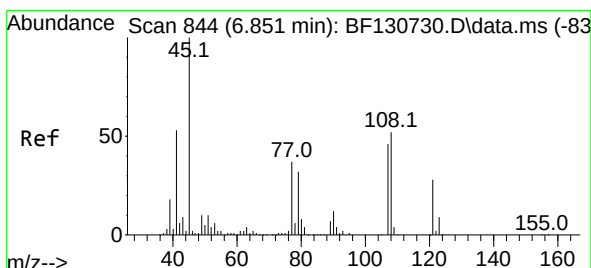
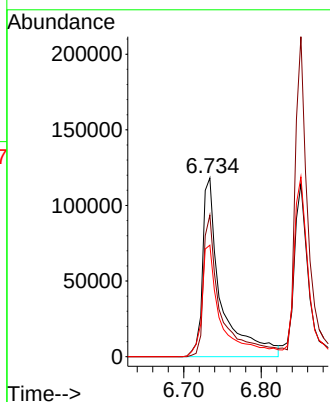
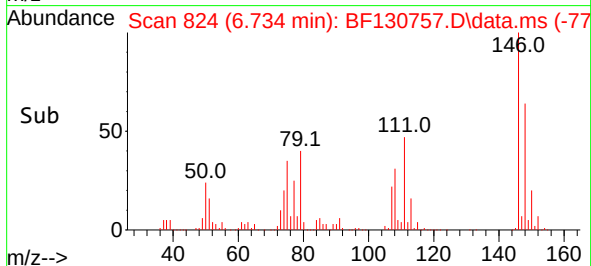
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 19652
Ion Ratio Lower Upper
79 100
108 79.2 61.4 92.2
77 62.5 51.4 77.0

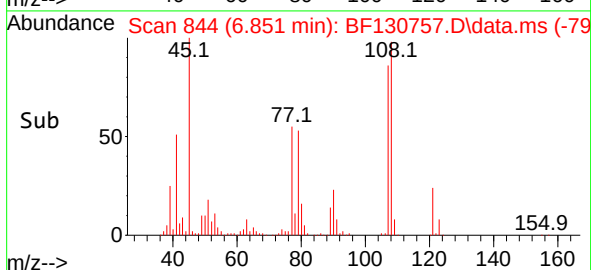
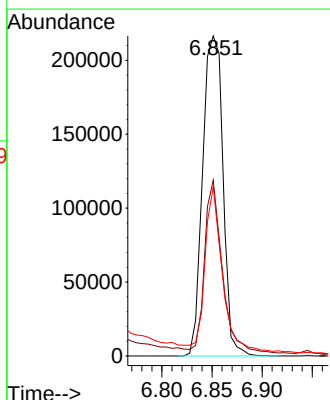
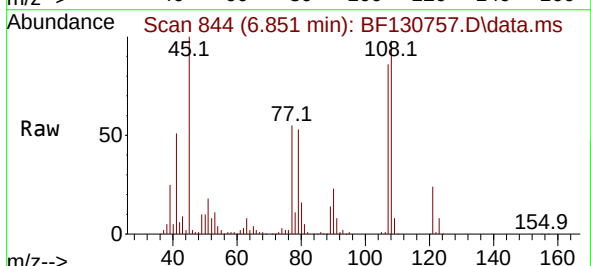
Manual Integrations
APPROVED

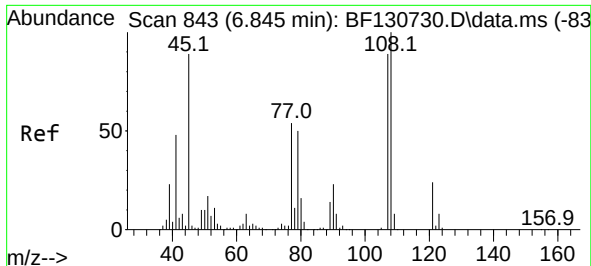
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.011 ng
RT: 6.851 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

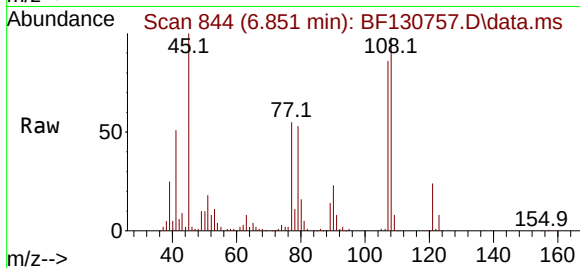
Tgt Ion: 45 Resp: 306175
Ion Ratio Lower Upper
45 100
77 54.9 17.7 57.7
79 52.8 13.8 53.8





#17
2-Methylphenol
Concen: 40.394 ng
RT: 6.851 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

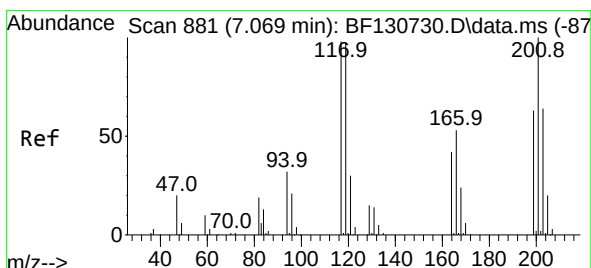
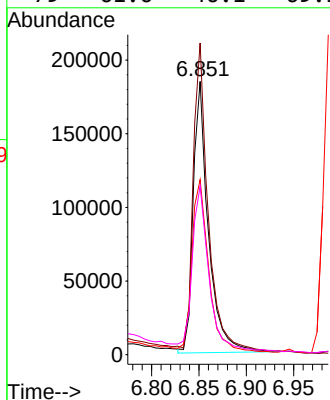
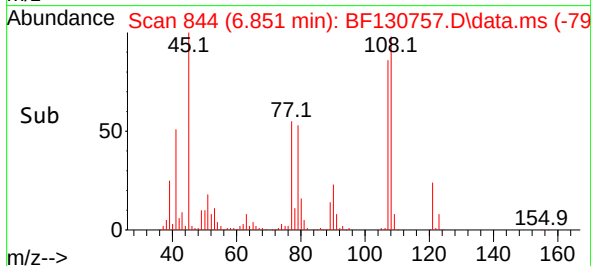
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



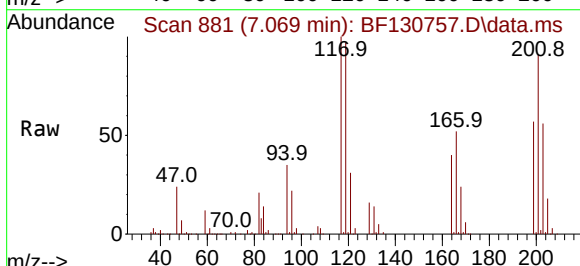
Tgt Ion:107 Resp: 20580
Ion Ratio Lower Upper
107 100
108 114.0 90.4 135.6
77 64.1 48.9 73.3
79 61.6 46.1 69.1

Manual Integrations
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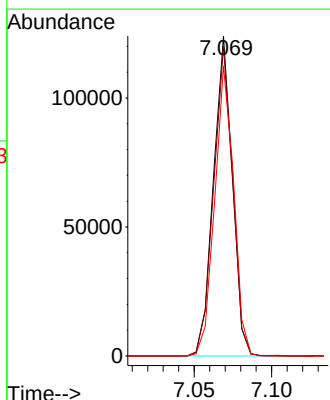
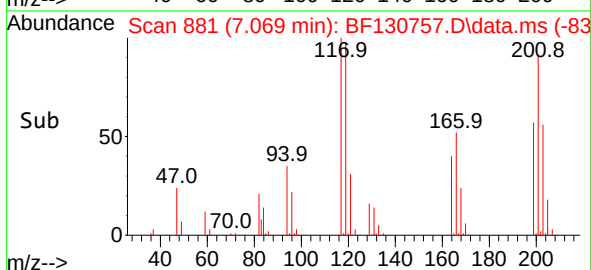
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

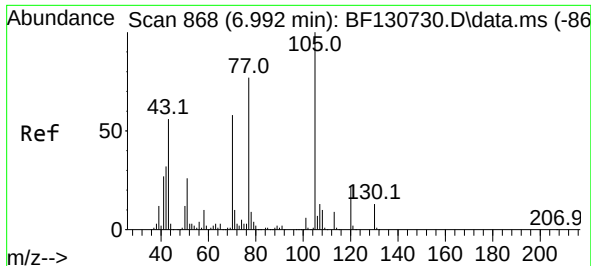


#18
Hexachloroethane
Concen: 40.859 ng
RT: 7.069 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



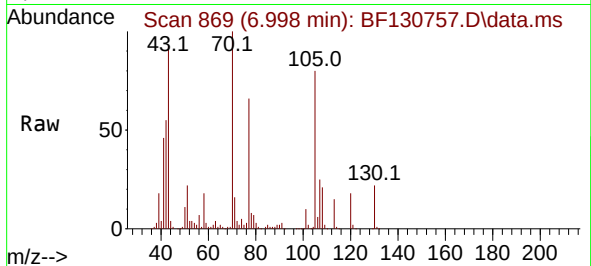
Tgt Ion:117 Resp: 105601
Ion Ratio Lower Upper
117 100
119 96.9 79.1 118.7
201 90.7 81.5 122.3





#19
n-Nitroso-di-n-propylamine
Concen: 40.663 ng
RT: 6.998 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

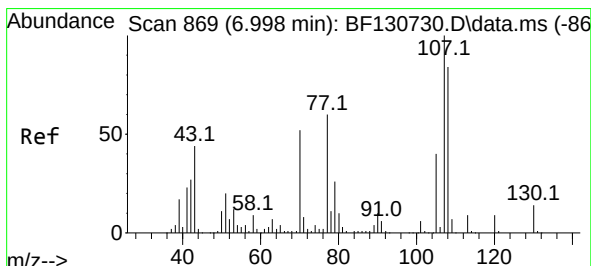
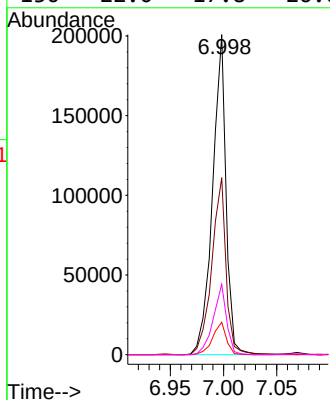
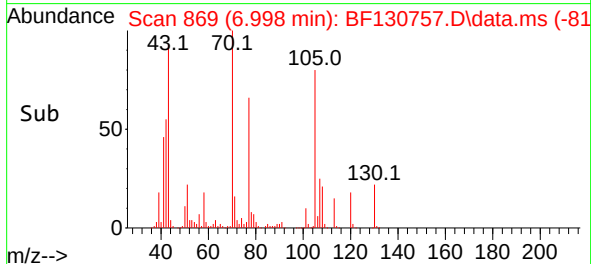
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



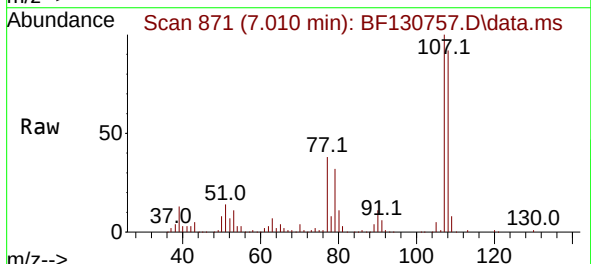
Tgt Ion: 70 Resp: 17794
Ion Ratio Lower Upper
70 100
42 55.3 44.1 66.1
101 10.1 8.3 12.5
130 22.0 17.8 26.6

Manual Integrations
APPROVED

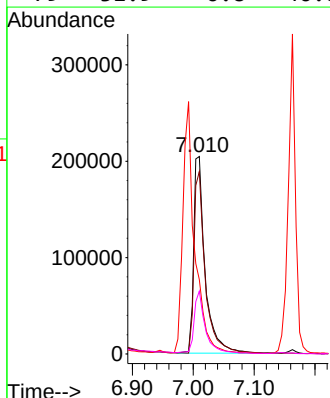
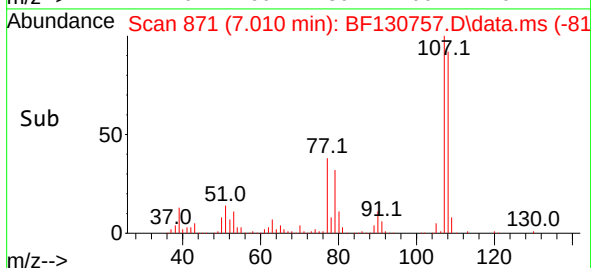
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

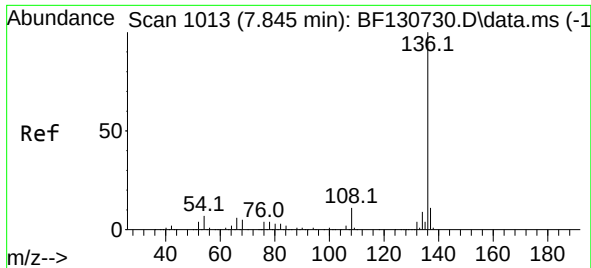


#20
3+4-Methylphenols
Concen: 40.017 ng
RT: 7.010 min Scan# 871
Delta R.T. 0.012 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



Tgt Ion:107 Resp: 267232
Ion Ratio Lower Upper
107 100
108 92.4 64.3 104.3
77 37.7 47.7 87.7#
79 31.9 6.8 46.8





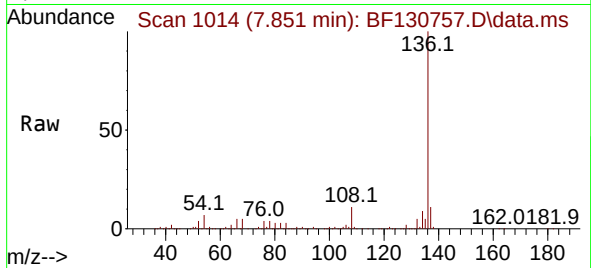
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

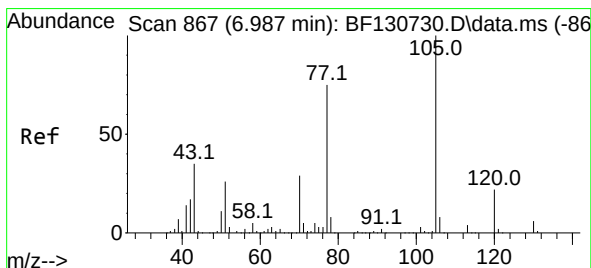
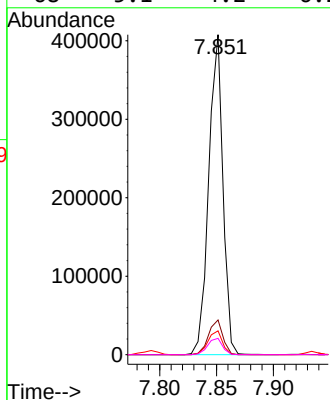
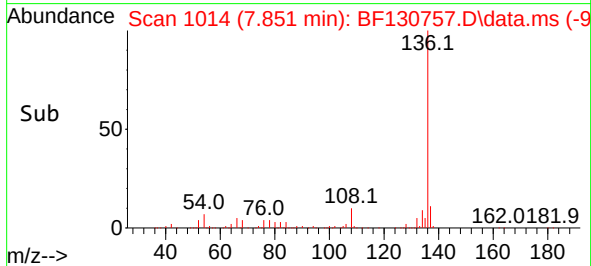


Tgt Ion:136 Resp: 354079
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.4 5.8 8.8
68 5.1 4.2 6.2

Manual Integrations

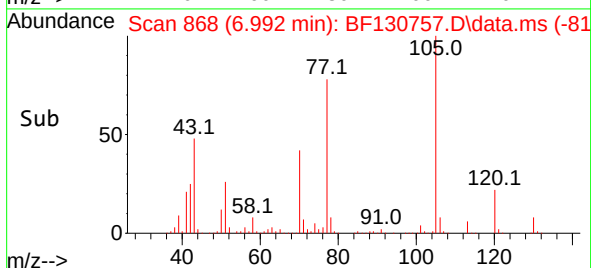
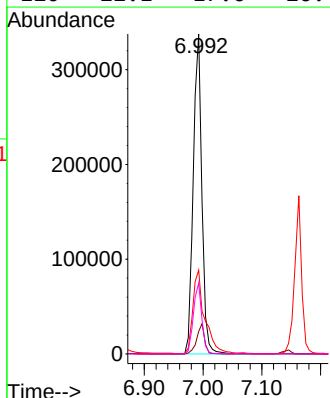
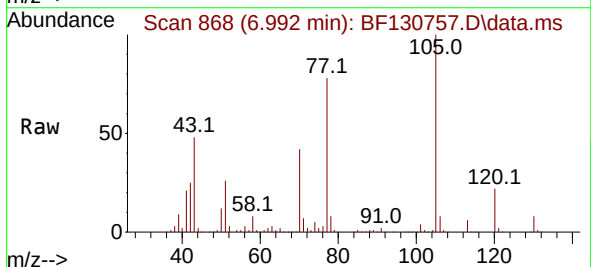
APPROVED

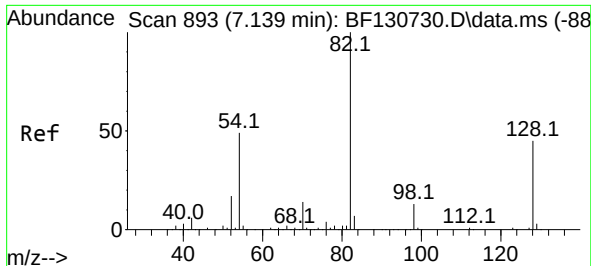
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#22
Acetophenone
Concen: 39.952 ng
RT: 6.992 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Tgt Ion:105 Resp: 345087
Ion Ratio Lower Upper
105 100
71 7.0 3.9 5.9#
51 26.2 21.0 31.4
120 22.1 17.6 26.4





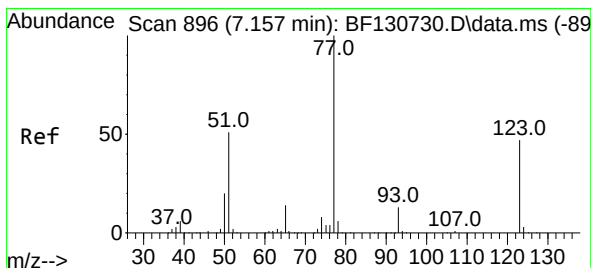
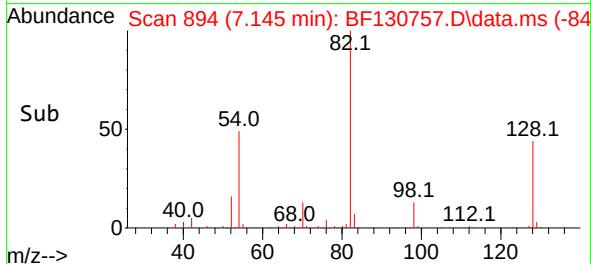
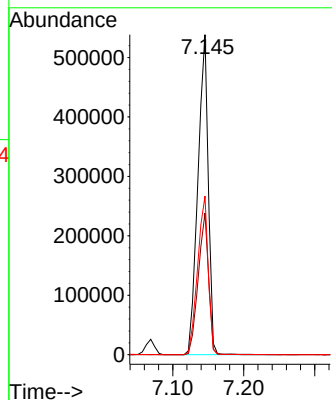
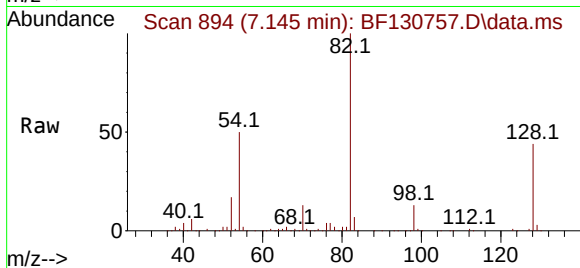
#23
Nitrobenzene-d5
Concen: 82.287 ng
RT: 7.145 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 549244
Ion Ratio Lower Upper
82 100
128 44.3 35.9 53.9
54 49.5 39.2 58.8

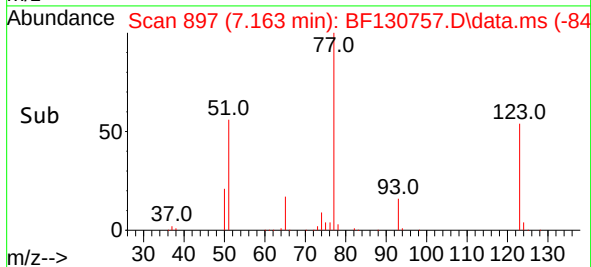
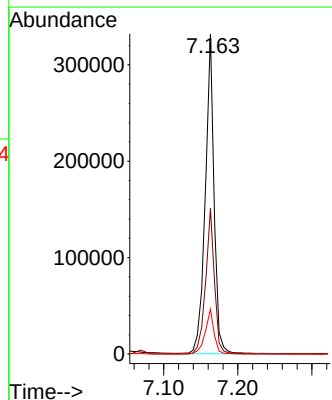
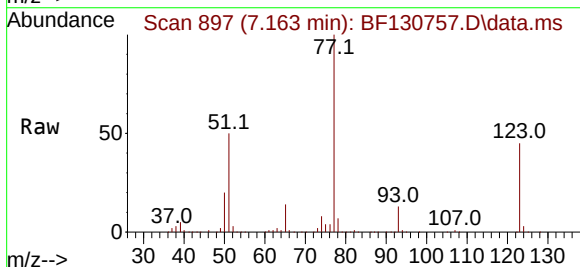
Manual Integrations
APPROVED

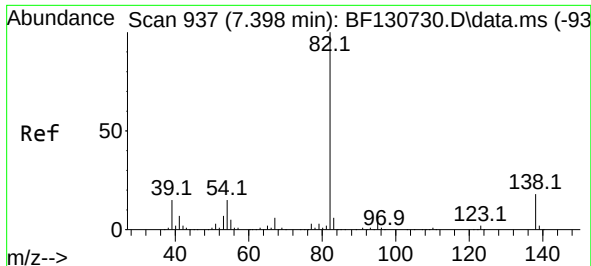
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Nitrobenzene
Concen: 40.608 ng
RT: 7.163 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Tgt Ion: 77 Resp: 275725
Ion Ratio Lower Upper
77 100
123 45.5 37.3 55.9
65 14.0 11.1 16.7





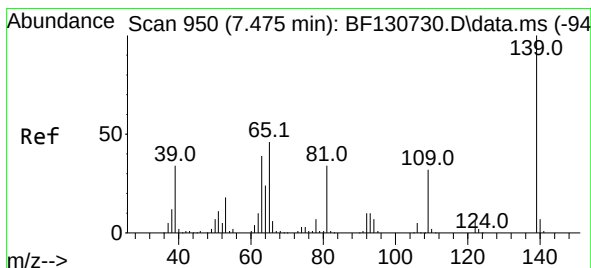
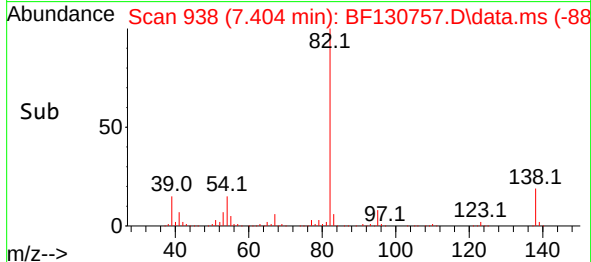
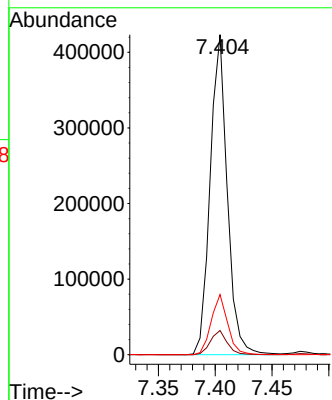
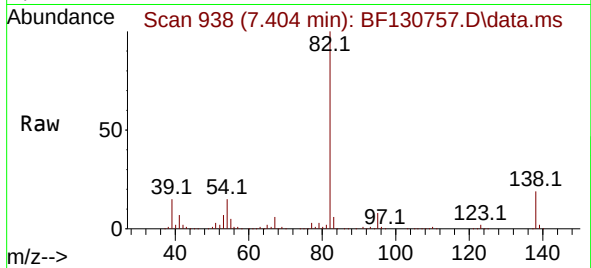
#25
Isophorone
Concen: 40.298 ng
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 443170
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 18.8 14.6 21.8

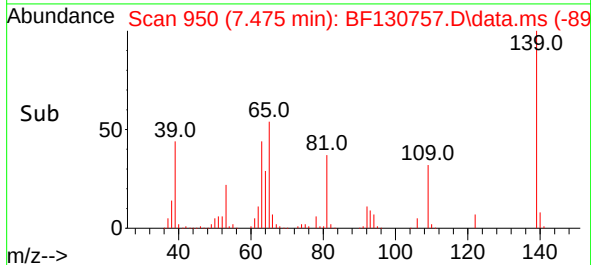
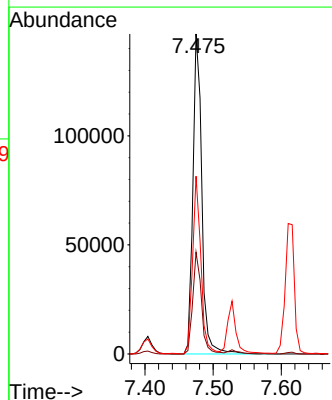
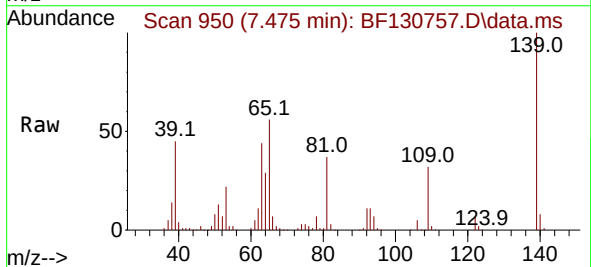
Manual Integrations
APPROVED

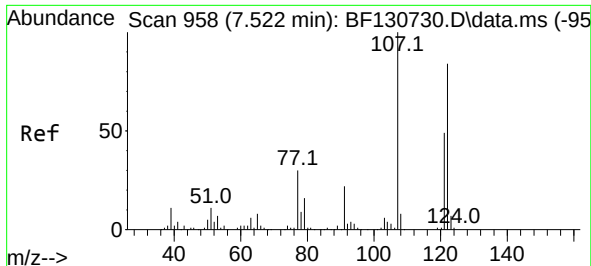
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#26
2-Nitrophenol
Concen: 38.903 ng
RT: 7.475 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Tgt Ion:139 Resp: 132438
Ion Ratio Lower Upper
139 100
109 31.8 25.4 38.2
65 55.6 36.6 54.8#





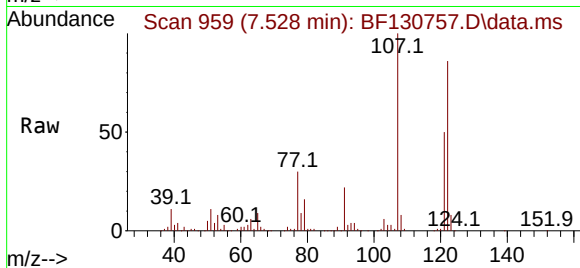
#27
2,4-Dimethylphenol
Concen: 42.265 ng
RT: 7.528 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

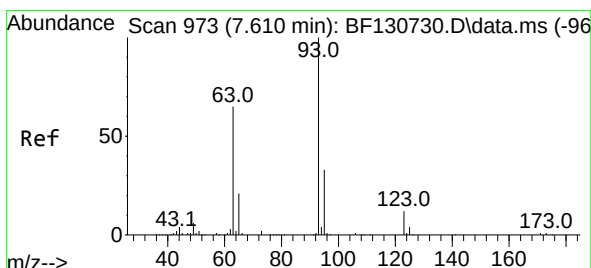
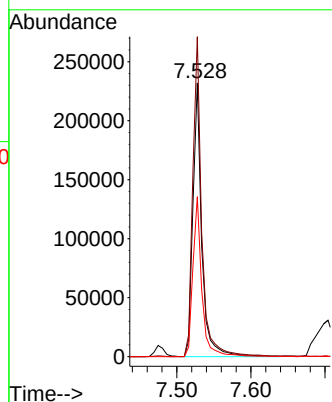
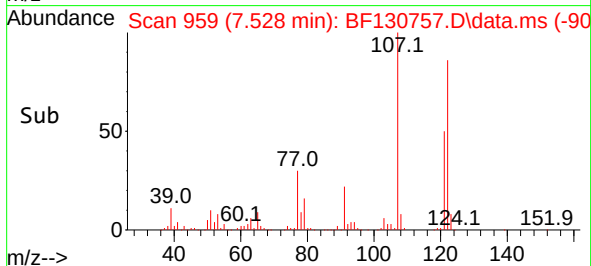


Tgt Ion:122 Resp: 194672
Ion Ratio Lower Upper
122 100
107 116.9 95.4 143.0
121 58.5 47.1 70.7

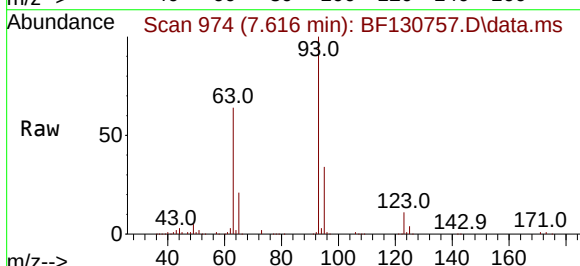
Manual Integrations

APPROVED

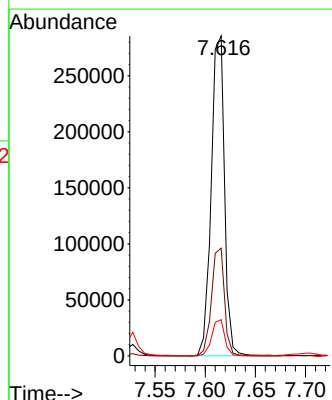
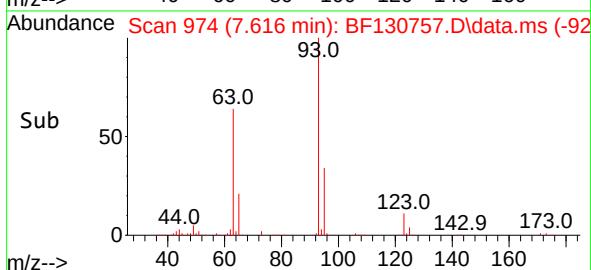
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

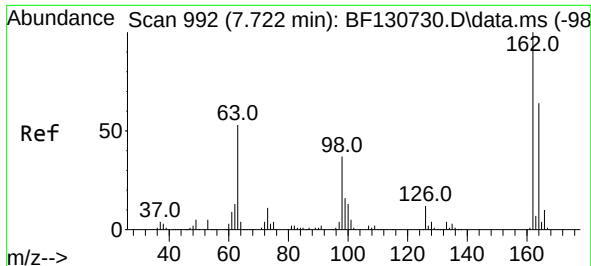


#28
bis(2-Chloroethoxy)methane
Concen: 41.338 ng
RT: 7.616 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



Tgt Ion: 93 Resp: 263337
Ion Ratio Lower Upper
93 100
95 33.7 26.4 39.6
123 11.3 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 40.755 ng

RT: 7.728 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

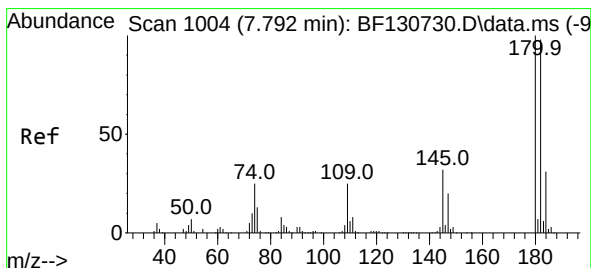
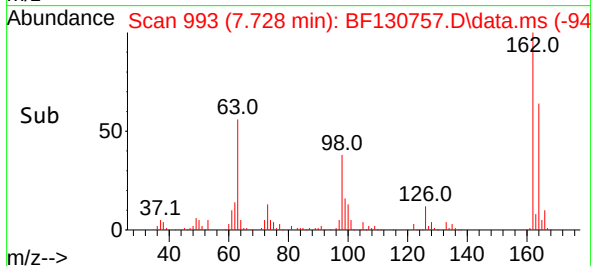
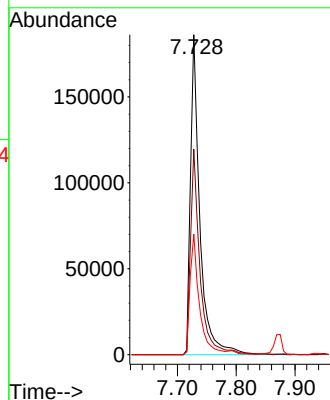
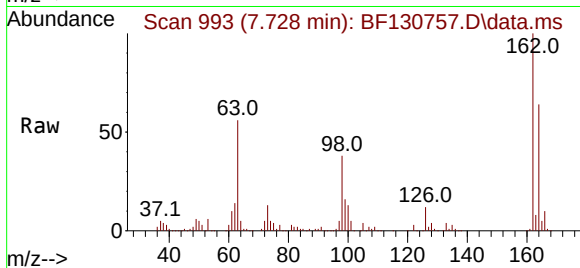
Tgt Ion:162 Resp: 206990

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.1	84.1
98	37.6	16.7	56.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.830 ng

RT: 7.792 min Scan# 1004

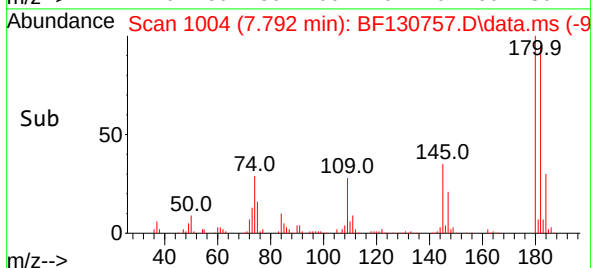
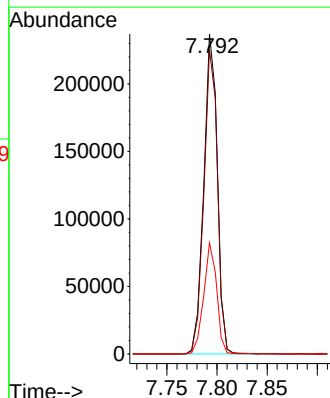
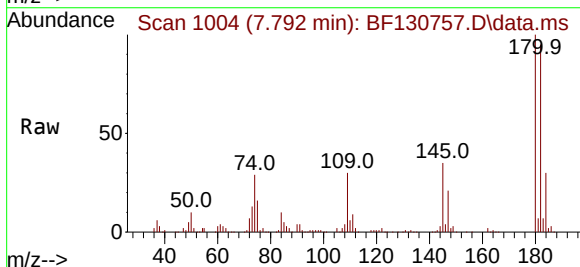
Delta R.T. 0.000 min

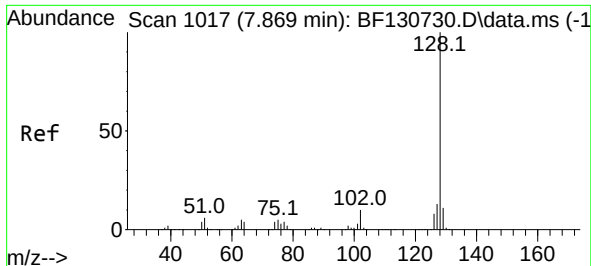
Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

Tgt Ion:180 Resp: 223104

Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.2	117.2
145	34.7	25.9	38.9





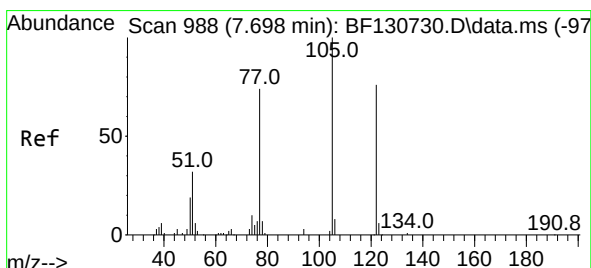
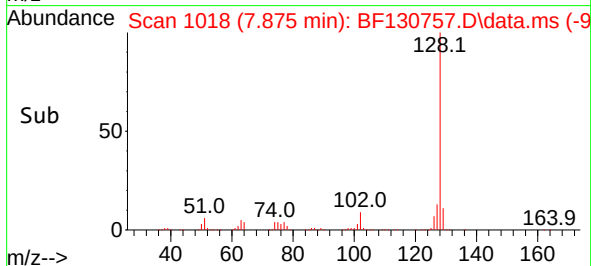
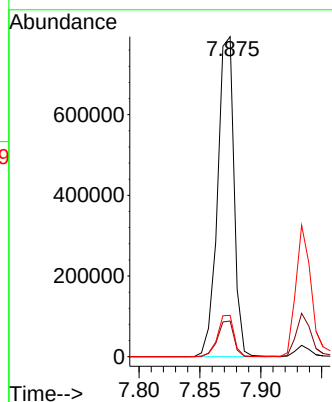
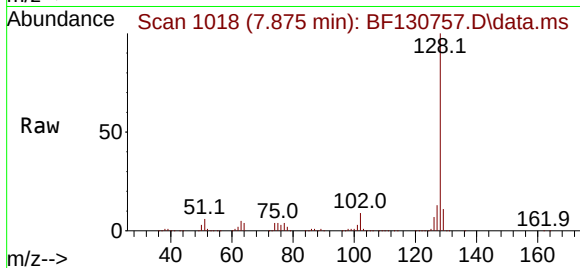
#31
Naphthalene
Concen: 40.921 ng
RT: 7.875 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 74708
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.6 16.0

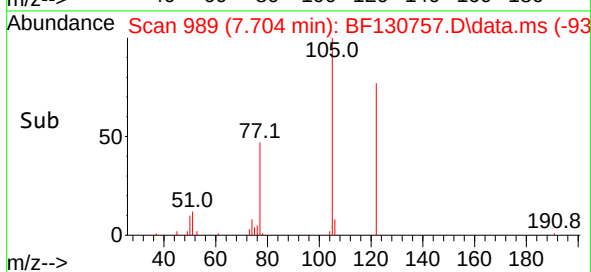
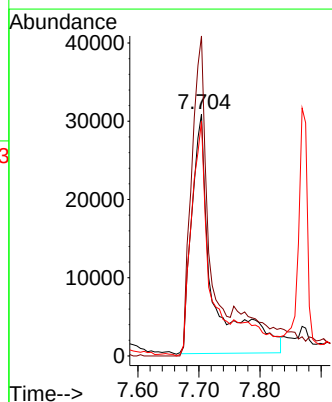
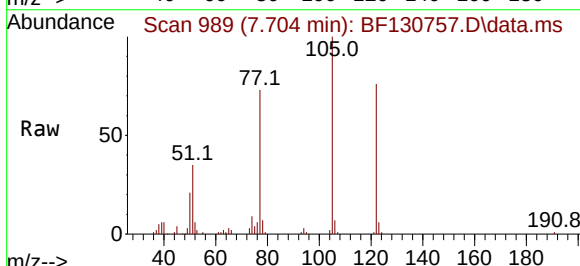
Manual Integrations
APPROVED

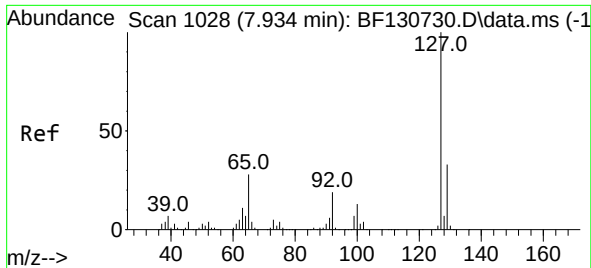
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#32
Benzoic acid
Concen: 30.516 ng m
RT: 7.704 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Tgt Ion:122 Resp: 74693
Ion Ratio Lower Upper
122 100
105 132.3 109.2 149.2
77 97.1 75.7 115.7





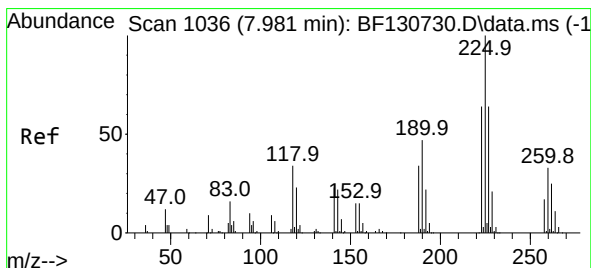
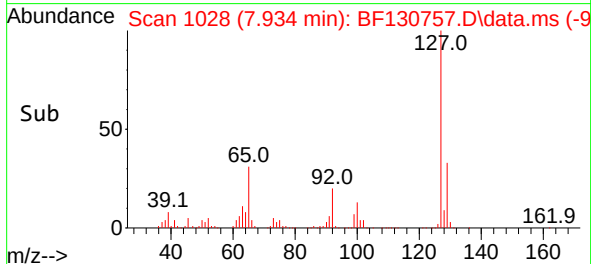
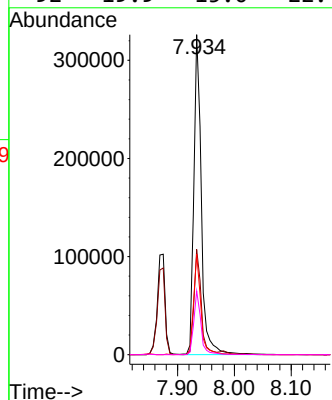
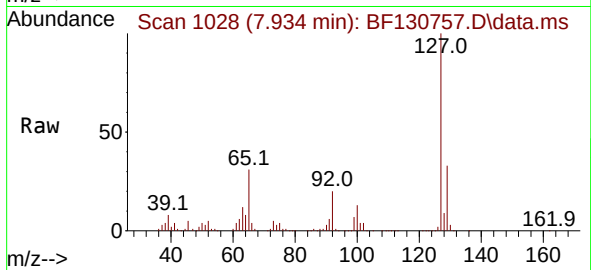
#33
4-Chloroaniline
Concen: 42.728 ng
RT: 7.934 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	31.5	22.6	33.8
92	19.9	15.0	22.4

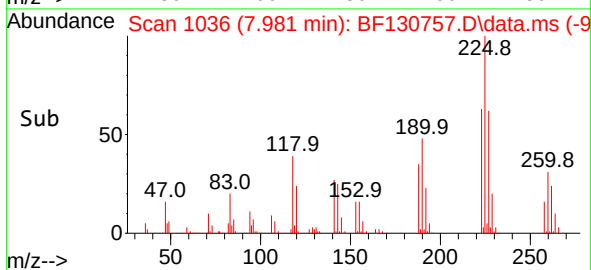
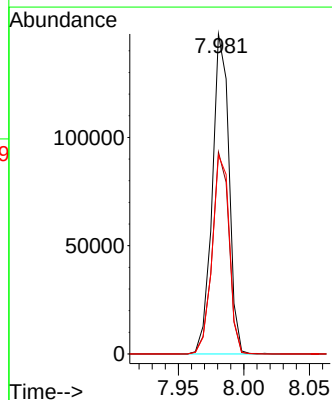
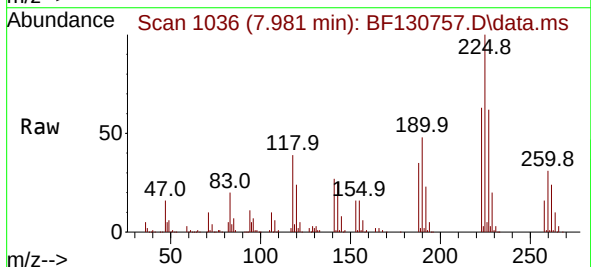
Manual Integrations
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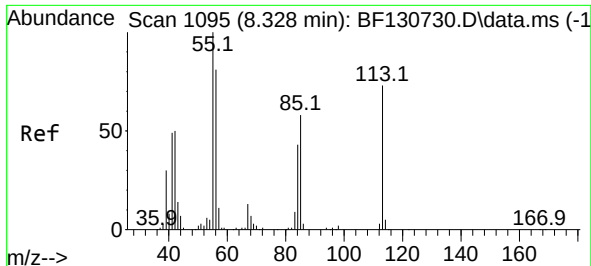
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#34
Hexachlorobutadiene
Concen: 38.580 ng
RT: 7.981 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

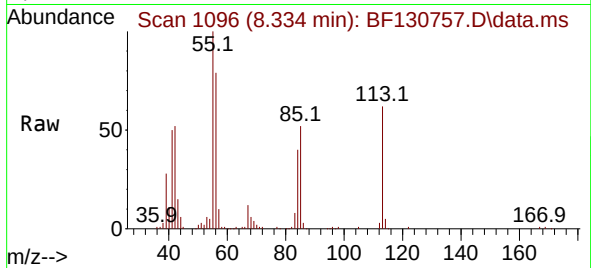
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	62.1	51.3	76.9





#35
 Caprolactam
 Concen: 41.682 ng
 RT: 8.334 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF130757.D
 Acq: 24 Oct 2022 11:57

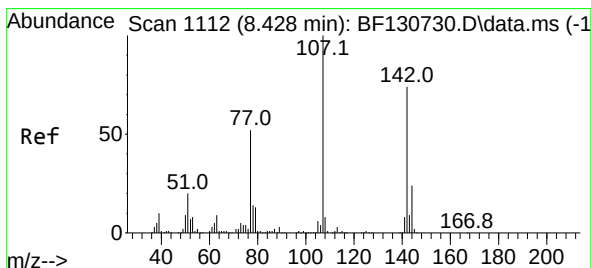
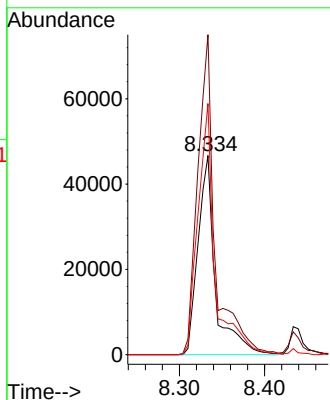
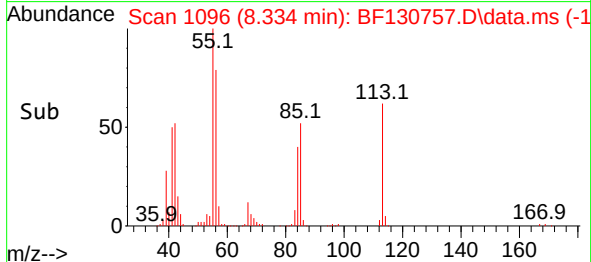
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 66163
 Ion Ratio Lower Upper
 113 100
 55 160.6 116.4 156.4
 56 126.1 91.0 131.0

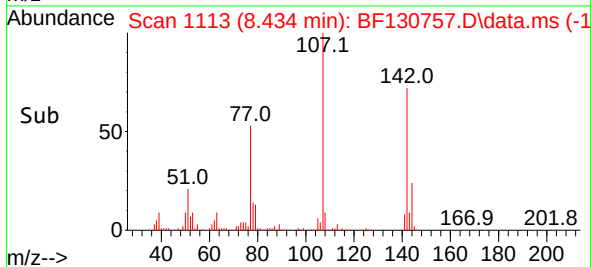
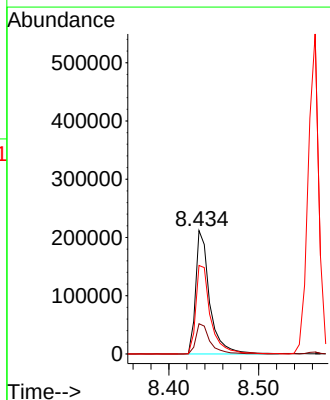
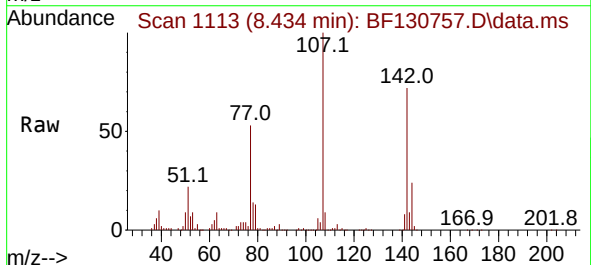
Manual Integrations
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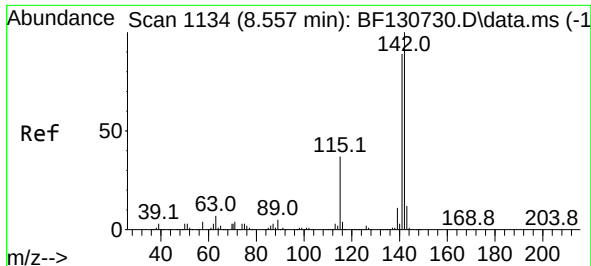
Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#36
 4-Chloro-3-methylphenol
 Concen: 41.880 ng
 RT: 8.434 min Scan# 1113
 Delta R.T. 0.006 min
 Lab File: BF130757.D
 Acq: 24 Oct 2022 11:57

Tgt Ion:107 Resp: 229884
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.0 28.4
 142 71.7 59.6 89.4





#37

2-Methylnaphthalene

Concen: 37.861 ng

RT: 8.563 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 45289

Ion Ratio Lower Upper

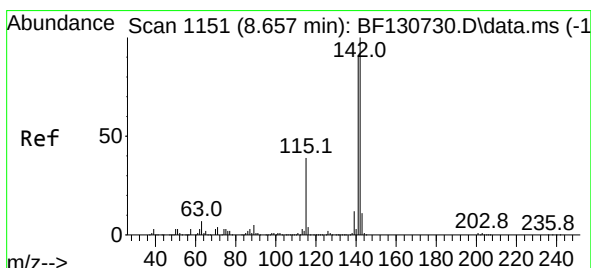
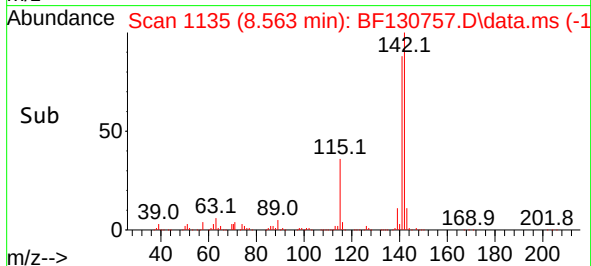
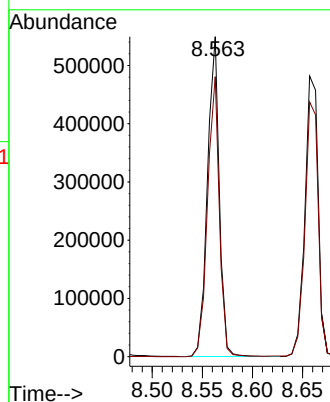
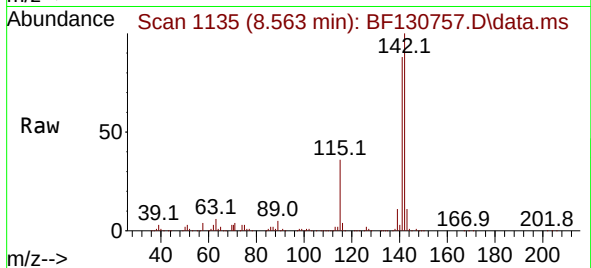
142 100

141 87.5 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#38

1-Methylnaphthalene

Concen: 37.251 ng

RT: 8.657 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130757.D

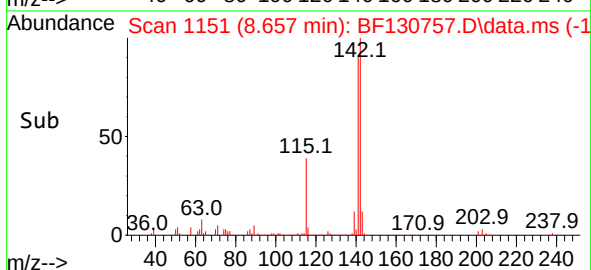
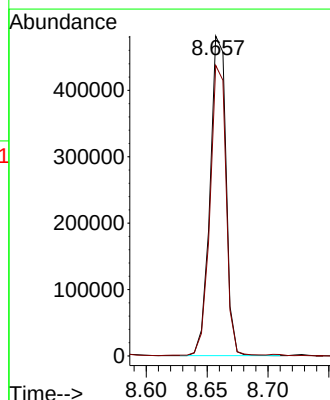
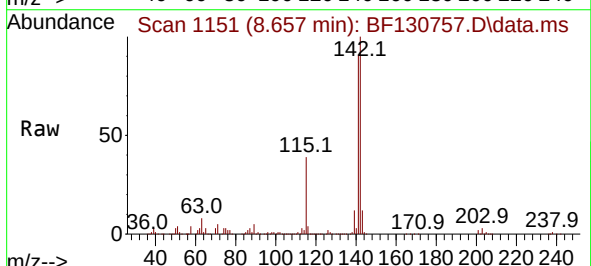
Acq: 24 Oct 2022 11:57

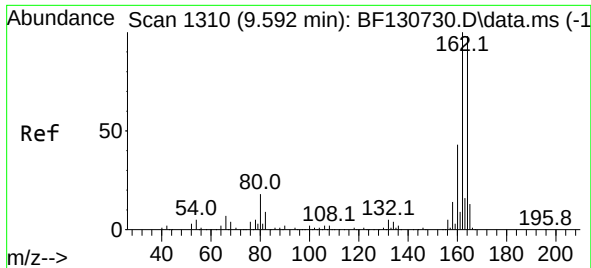
Tgt Ion:142 Resp: 441782

Ion Ratio Lower Upper

142 100

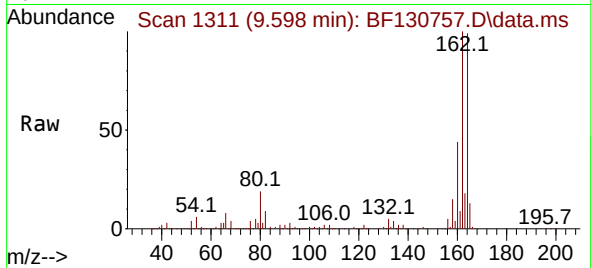
141 90.8 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.598 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

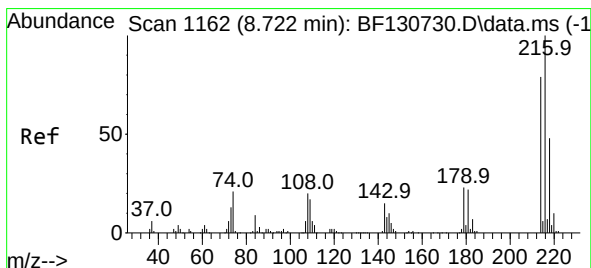
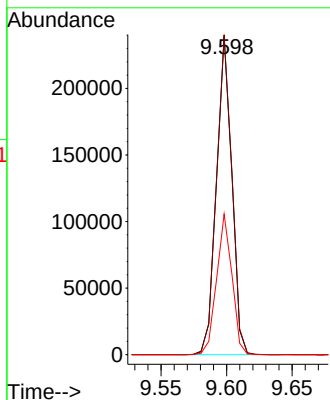
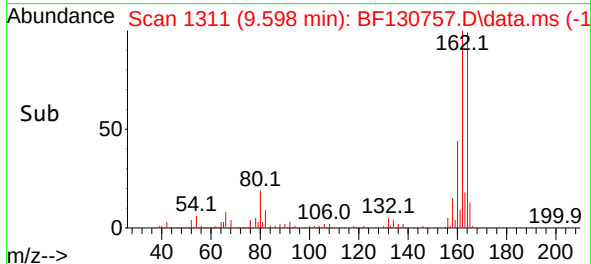
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



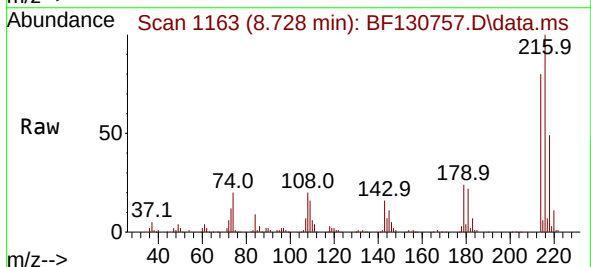
Tgt Ion:164 Resp: 193724
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 44.2 35.0 52.4

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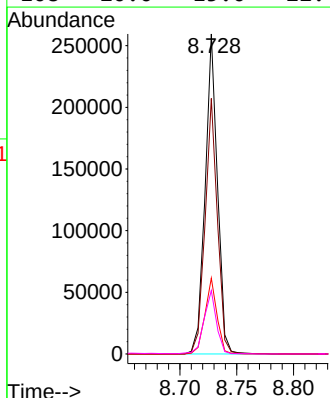
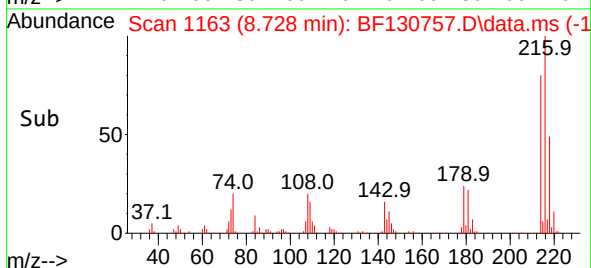
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

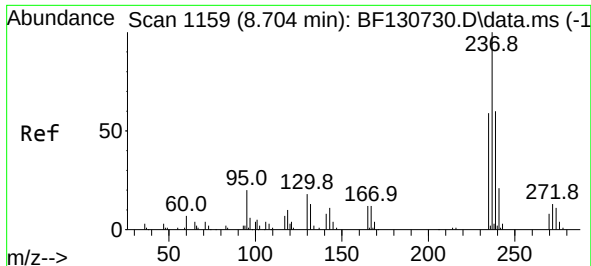


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.992 ng
RT: 8.728 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



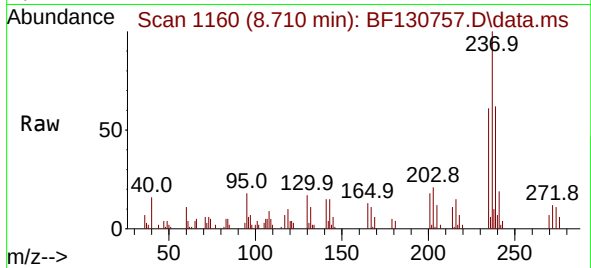
Tgt Ion:216 Resp: 195298
Ion Ratio Lower Upper
216 100
214 79.8 63.0 94.4
179 23.1 18.1 27.1
108 20.0 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 32.344 ng
RT: 8.710 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

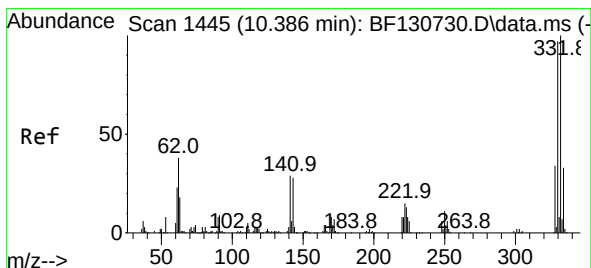
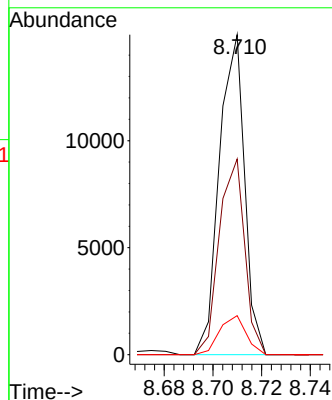
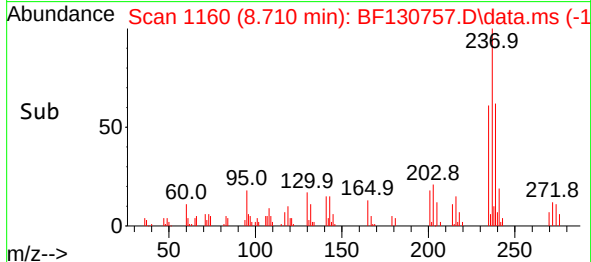
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



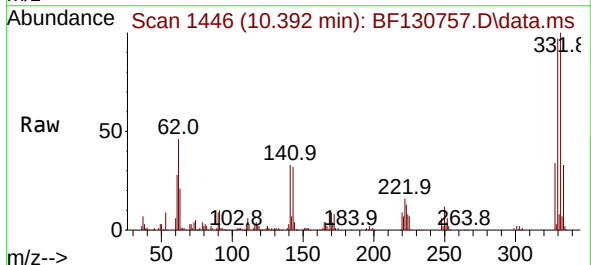
Tgt Ion:237 Resp: 1074
Ion Ratio Lower Upper
237 100
235 61.2 38.9 78.9
272 12.2 0.0 33.1

Manual Integrations
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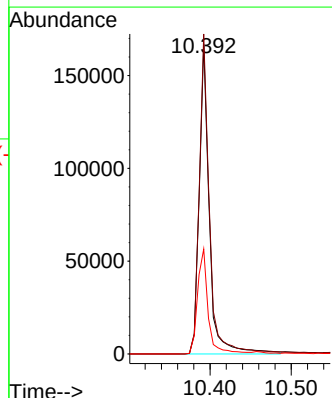
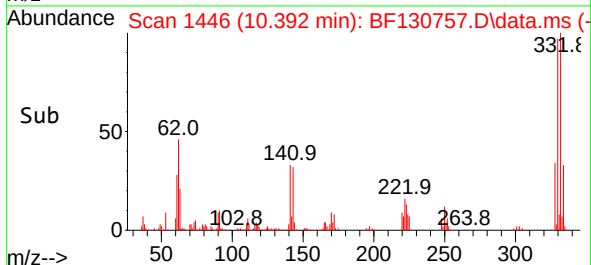
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

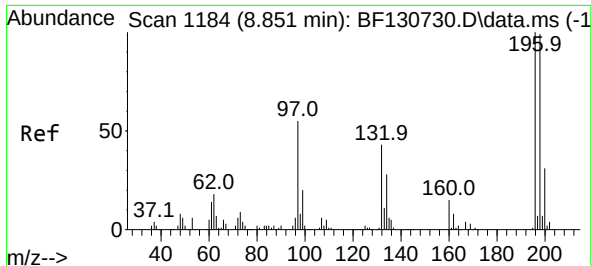


#42
2,4,6-Tribromophenol
Concen: 78.893 ng
RT: 10.392 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



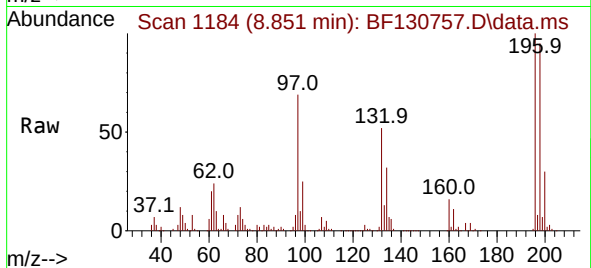
Tgt Ion:330 Resp: 145346
Ion Ratio Lower Upper
330 100
332 105.8 81.4 122.2
141 35.6 24.6 37.0





#43
2,4,6-Trichlorophenol
Concen: 40.664 ng
RT: 8.851 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

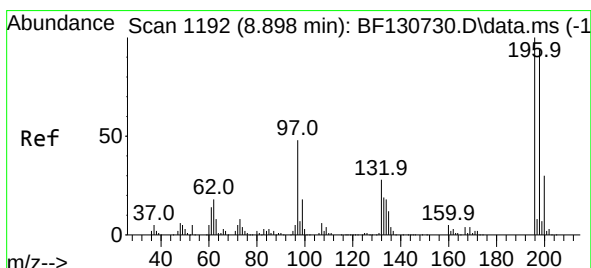
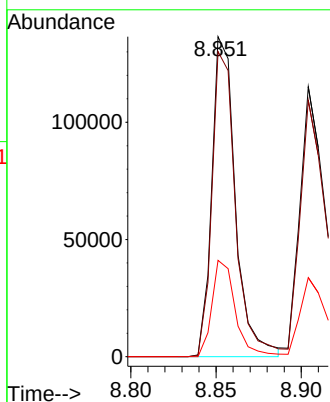
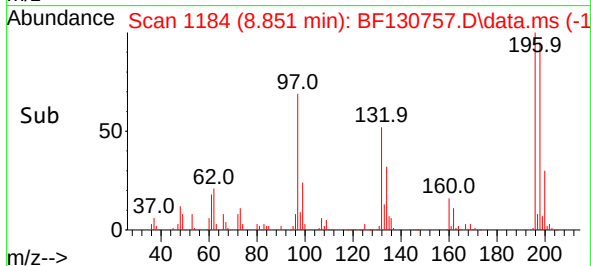
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



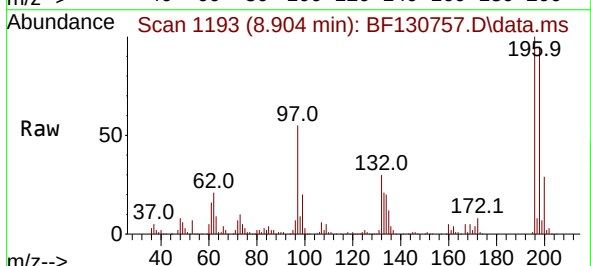
Tgt Ion:196 Resp: 131560
Ion Ratio Lower Upper
196 100
198 95.4 78.9 118.3
200 30.1 25.0 37.4

Manual Integrations
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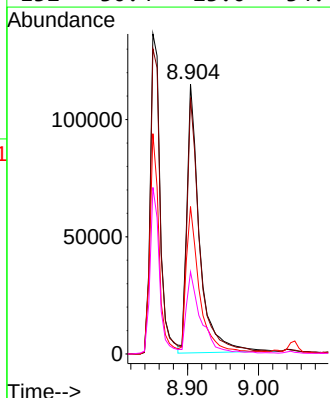
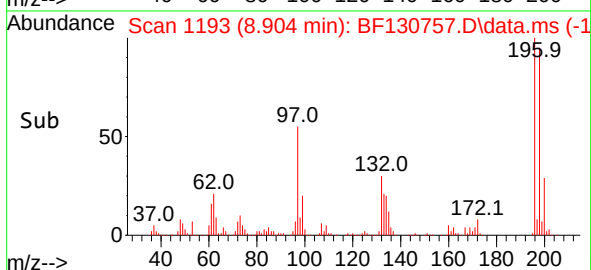
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

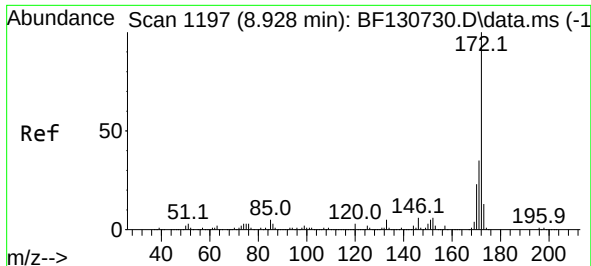


#44
2,4,5-Trichlorophenol
Concen: 40.446 ng
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



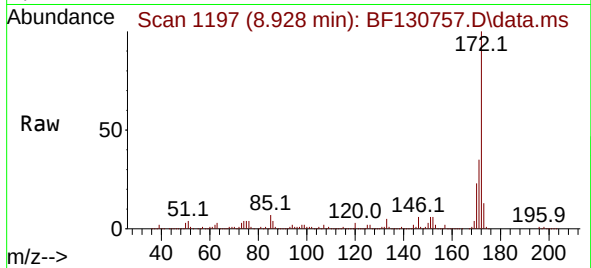
Tgt Ion:196 Resp: 142311
Ion Ratio Lower Upper
196 100
198 95.0 75.1 112.7
97 54.6 38.7 58.1
132 30.4 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 81.524 ng
RT: 8.928 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

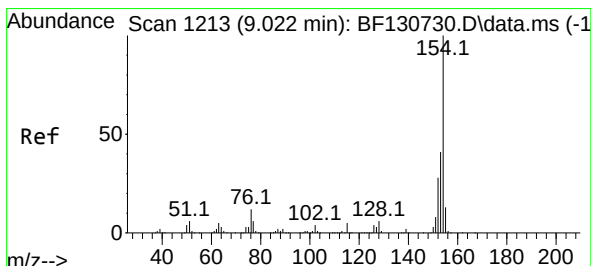
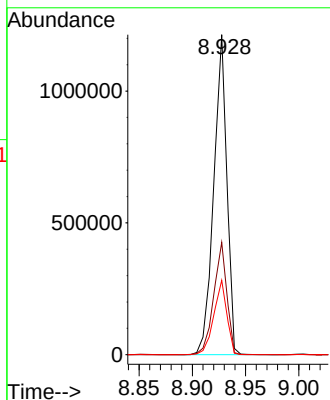
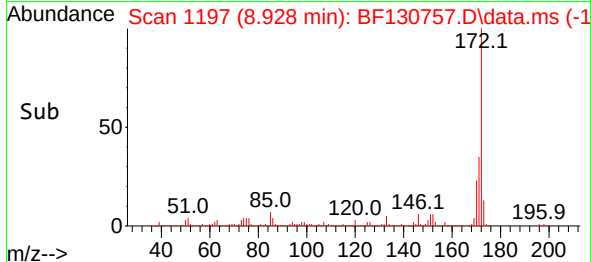
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



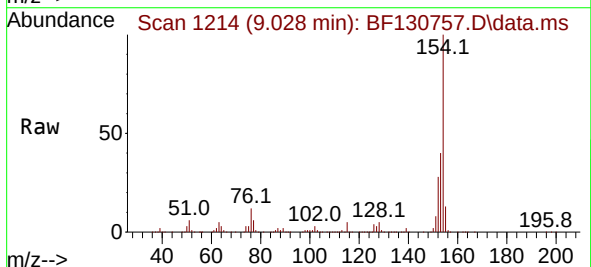
Tgt Ion:172 Resp: 1036348
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.3 18.5 27.7

Manual Integrations
APPROVED

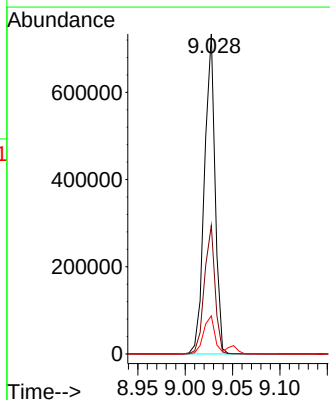
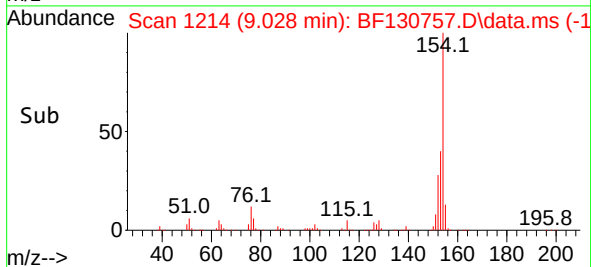
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

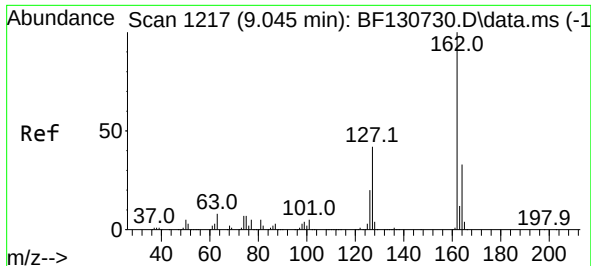


#46
1,1'-Biphenyl
Concen: 42.273 ng
RT: 9.028 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



Tgt Ion:154 Resp: 571198
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 11.9 0.0 31.7





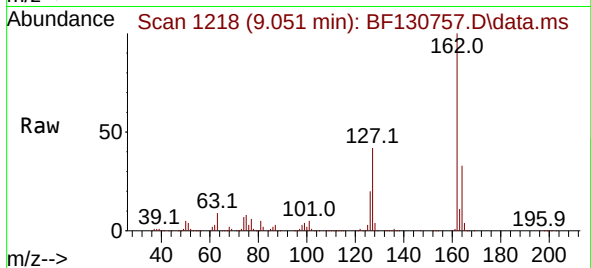
#47
2-Chloronaphthalene
Concen: 42.265 ng
RT: 9.051 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

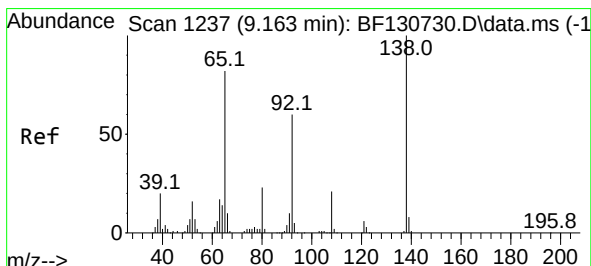
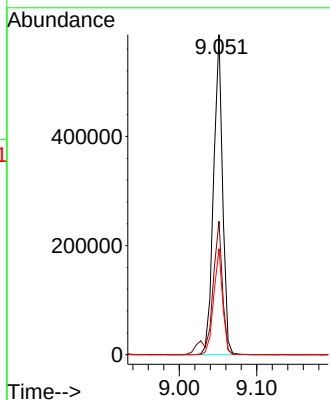
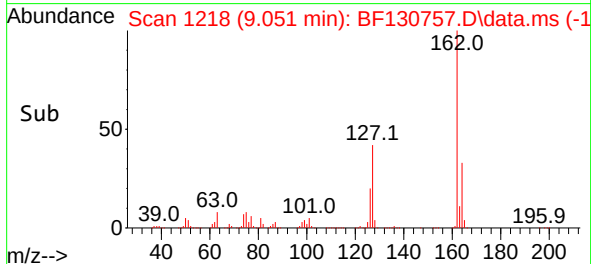


Tgt Ion:162 Resp: 474924
Ion Ratio Lower Upper
162 100
127 41.7 34.0 51.0
164 33.1 26.5 39.7

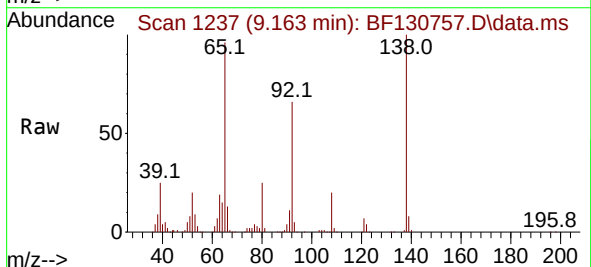
Manual Integrations

APPROVED

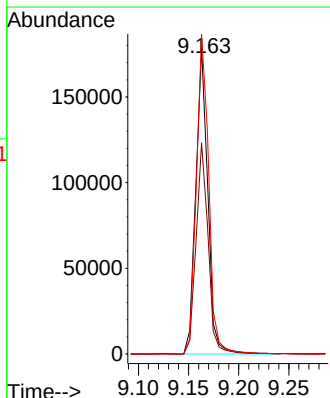
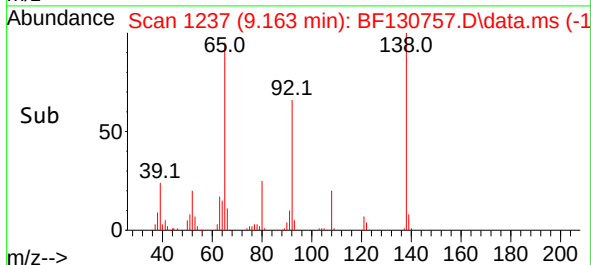
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

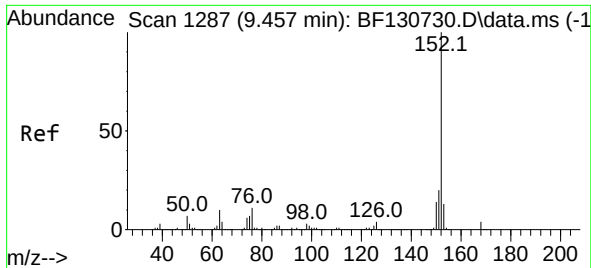


#48
2-Nitroaniline
Concen: 43.339 ng
RT: 9.163 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



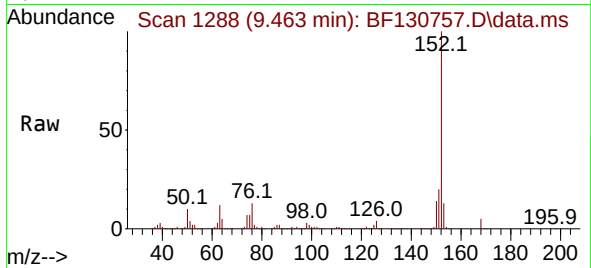
Tgt Ion: 65 Resp: 149476
Ion Ratio Lower Upper
65 100
92 68.9 58.6 88.0
138 104.5 97.0 145.6





#49
Acenaphthylene
Concen: 42.432 ng
RT: 9.463 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

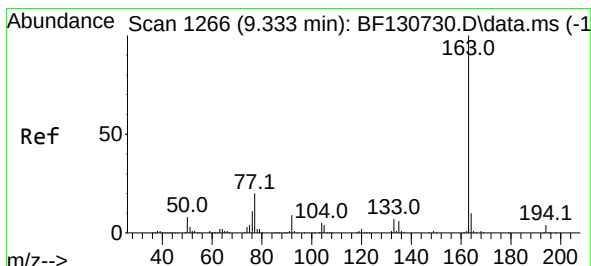
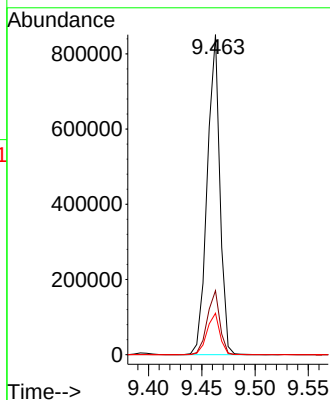
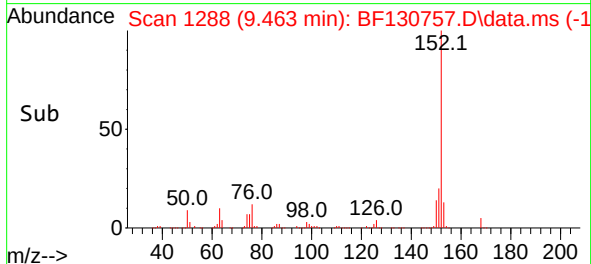
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



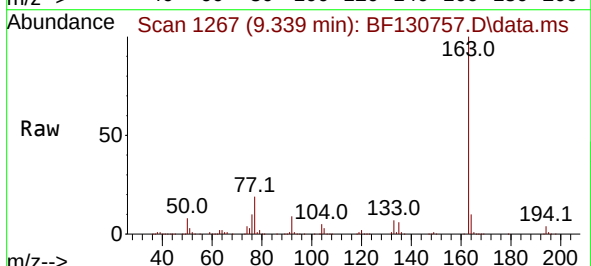
Tgt Ion:152 Resp: 702540
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 10.5 15.7

Manual Integrations
APPROVED

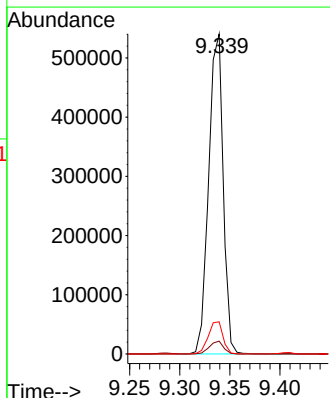
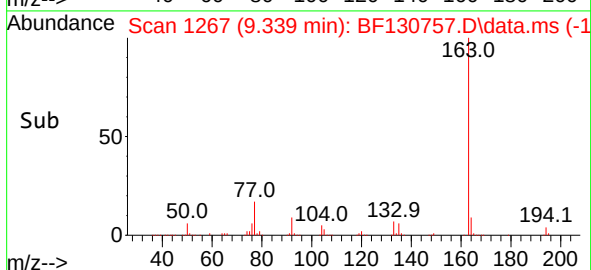
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

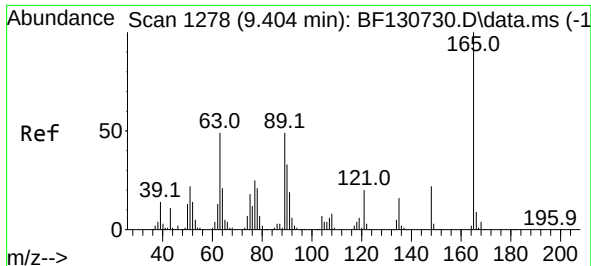


#50
Dimethylphthalate
Concen: 41.875 ng
RT: 9.339 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



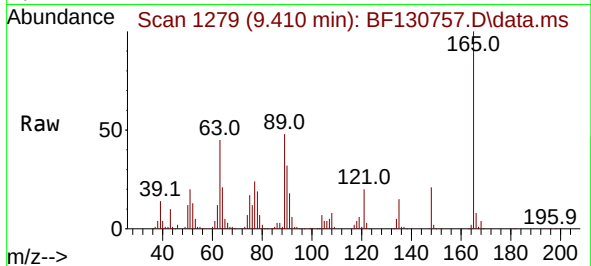
Tgt Ion:163 Resp: 545656
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.409 ng
RT: 9.410 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

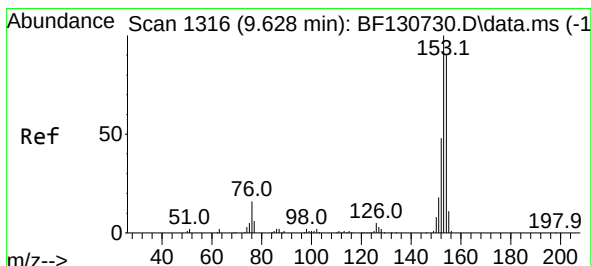
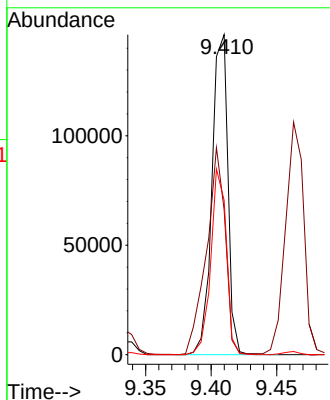
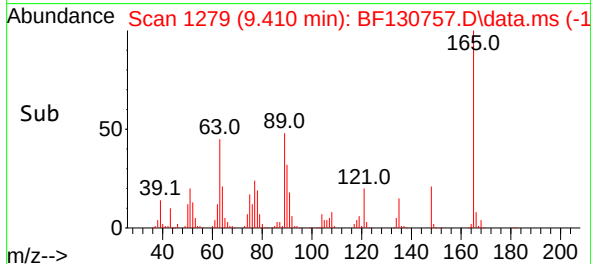
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



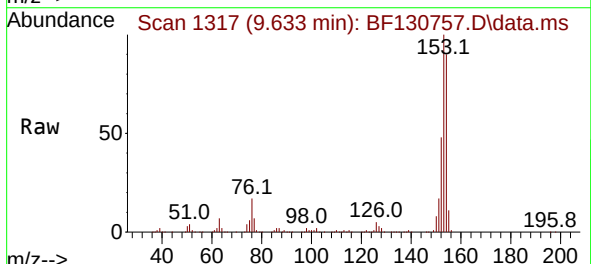
Tgt Ion:165 Resp: 123750
Ion Ratio Lower Upper
165 100
63 45.3 38.8 58.2
89 48.3 39.4 59.2

Manual Integrations
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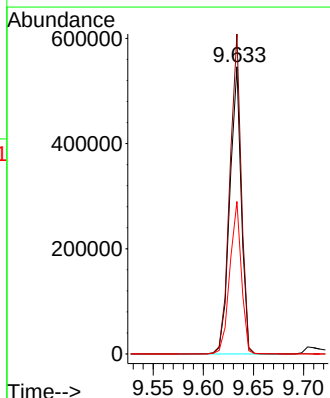
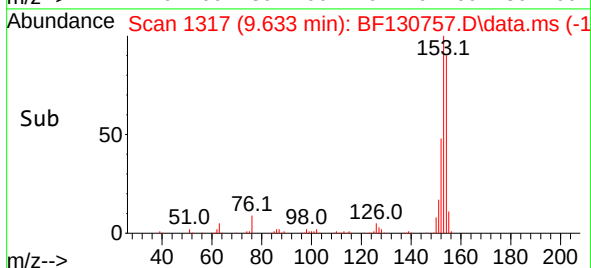
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

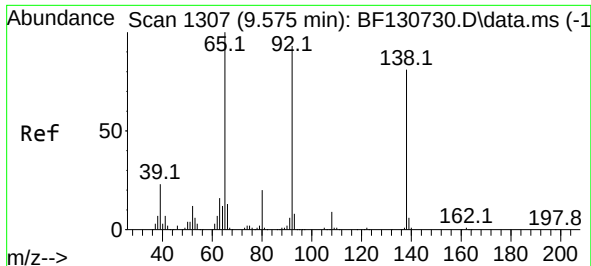


#52
Acenaphthene
Concen: 42.194 ng
RT: 9.633 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



Tgt Ion:154 Resp: 434221
Ion Ratio Lower Upper
154 100
153 111.4 88.4 132.6
152 53.1 42.0 63.0





#53
3-Nitroaniline
Concen: 40.553 ng
RT: 9.581 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

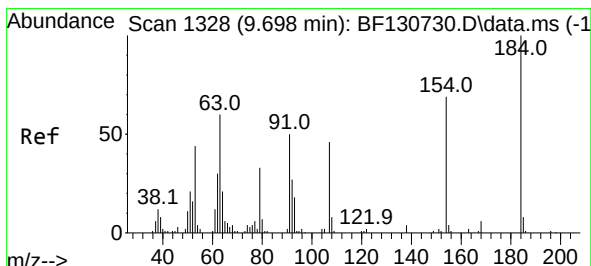
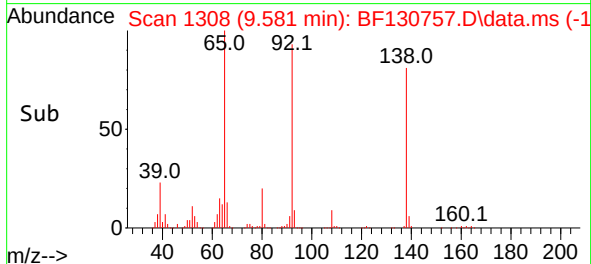
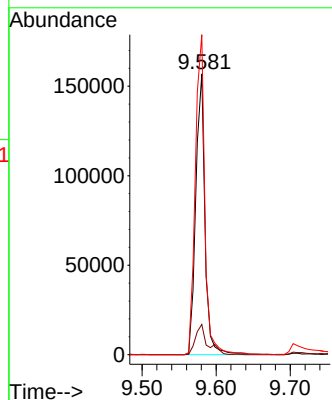
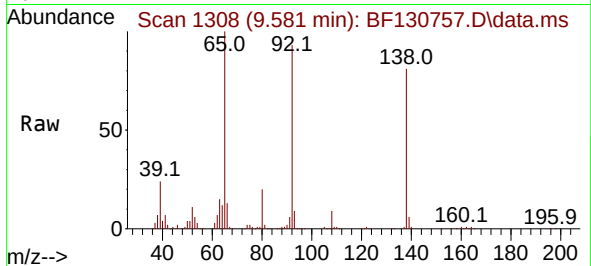
SSTDCCC040

Tgt Ion:138 Resp: 134839
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.6
92 113.9 91.6 137.4

Manual Integrations

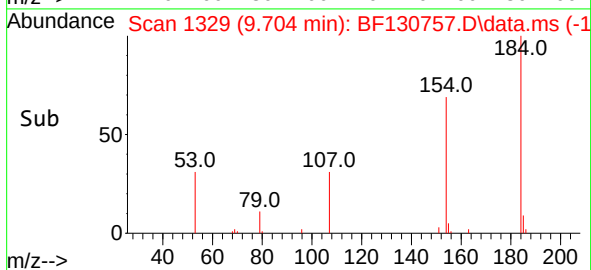
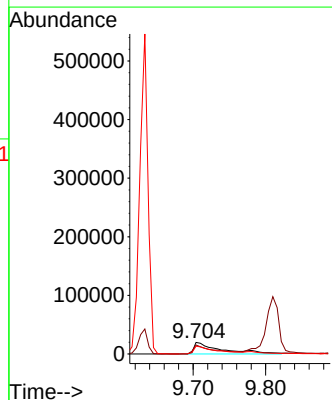
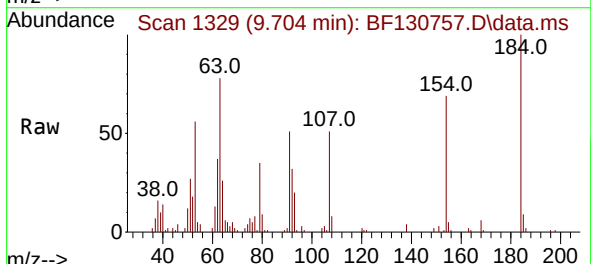
APPROVED

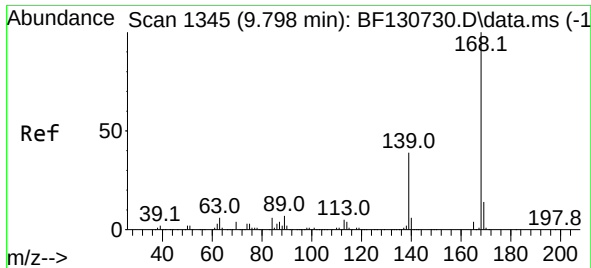
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#54
2,4-Dinitrophenol
Concen: 47.364 ng m
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Tgt Ion:184 Resp: 51373
Ion Ratio Lower Upper
184 100
63 77.8 47.7 71.5#
154 68.9 55.0 82.4





#55
Dibenzenofuran
Concen: 41.553 ng
RT: 9.804 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

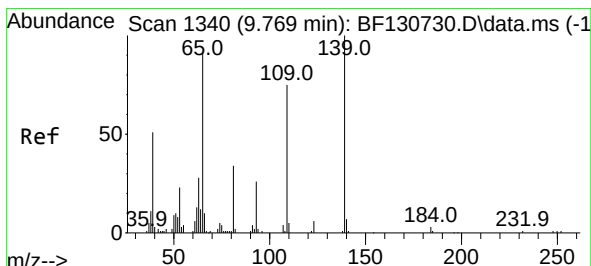
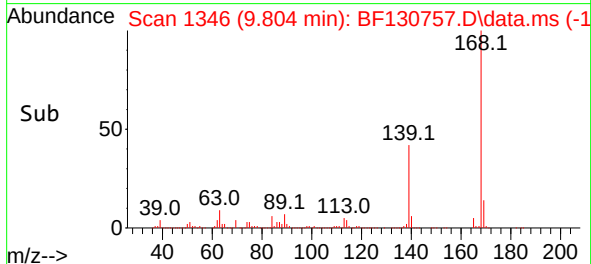
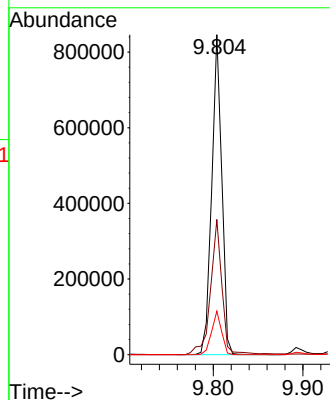
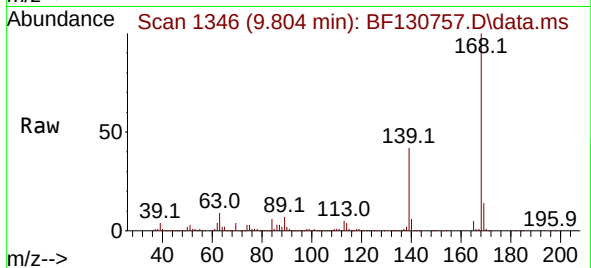
SSTDCCC040

Tgt Ion:168 Resp: 65821
Ion Ratio Lower Upper
168 100
139 42.3 34.3 51.5
169 13.6 11.0 16.6

Manual Integrations

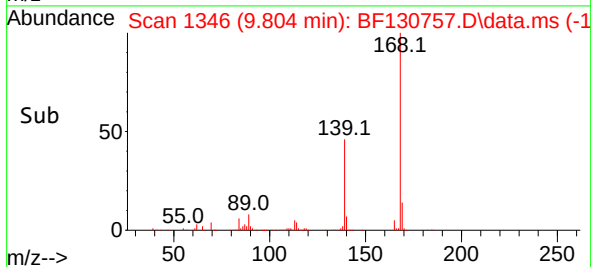
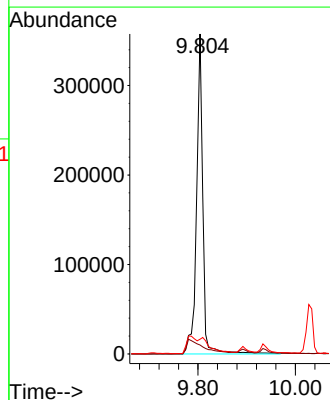
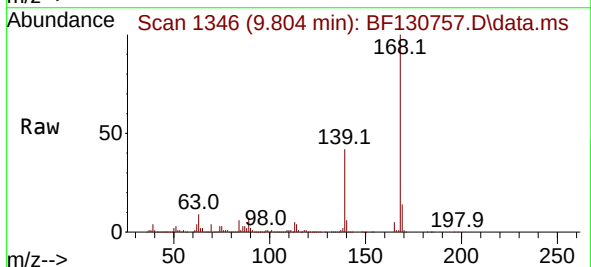
APPROVED

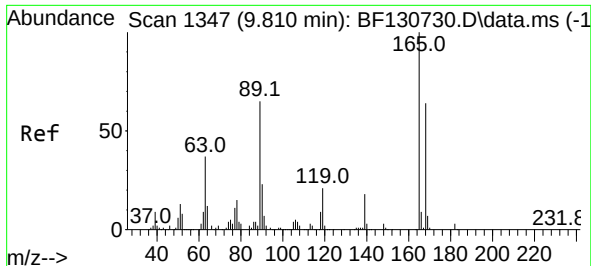
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#56
4-Nitrophenol
Concen: 176.295 ng
RT: 9.804 min Scan# 1346
Delta R.T. 0.035 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Tgt Ion:139 Resp: 324902
Ion Ratio Lower Upper
139 100
109 2.8 55.1 95.1#
65 4.6 72.2 112.2#





#57

2,4-Dinitrotoluene

Concen: 42.076 ng

RT: 9.816 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 165392

Ion Ratio Lower Upper

165 100

63 40.0 32.6 49.0

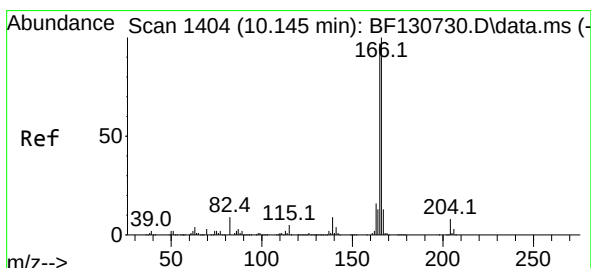
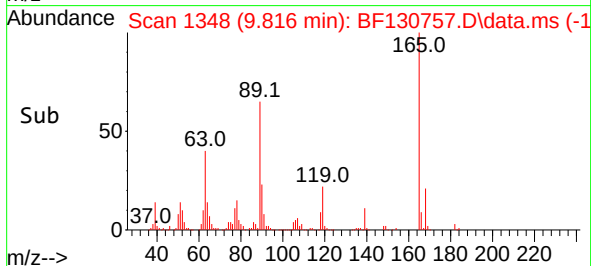
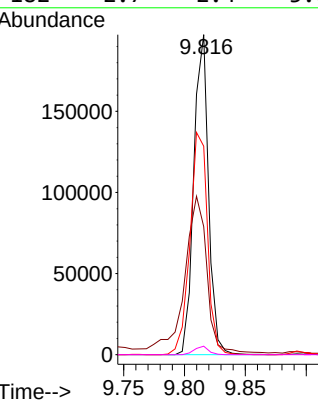
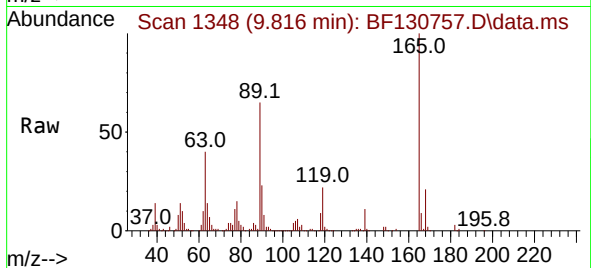
89 65.2 51.9 77.9

182 2.7 2.4 3.6

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#58

Fluorene

Concen: 37.642 ng

RT: 10.145 min Scan# 1404

Delta R.T. 0.000 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

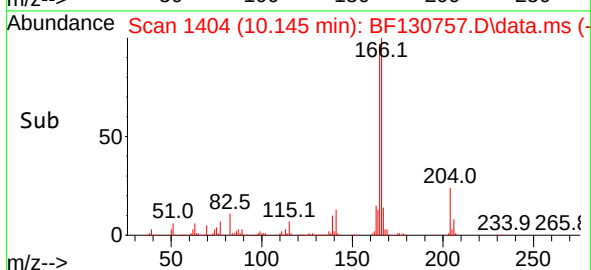
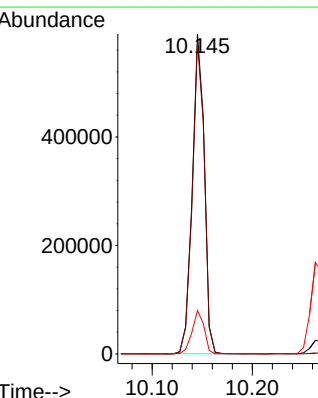
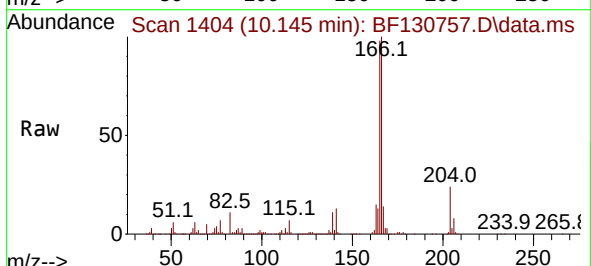
Tgt Ion:166 Resp: 495887

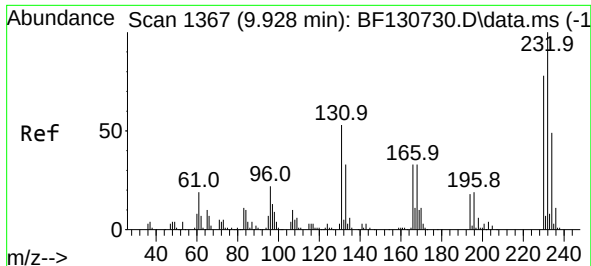
Ion Ratio Lower Upper

166 100

165 97.5 77.6 116.4

167 13.6 10.3 15.5





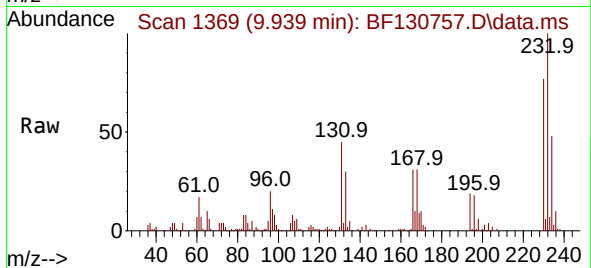
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.824 ng
RT: 9.939 min Scan# 1369
Delta R.T. 0.012 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

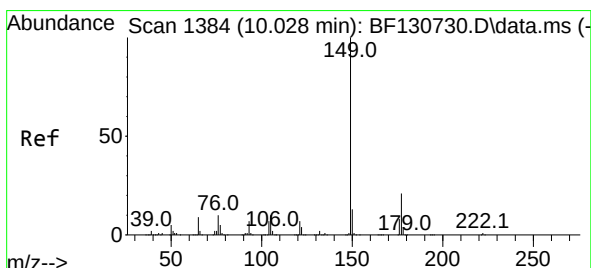
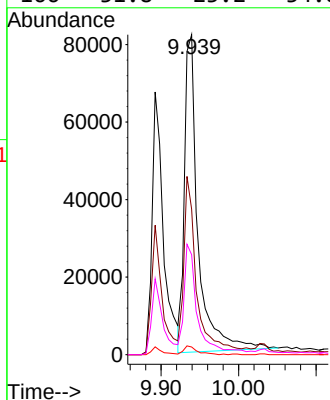
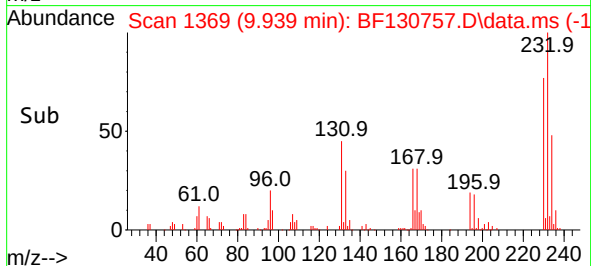


Tgt Ion:232 Resp: 100209
Ion Ratio Lower Upper
232 100
131 51.3 37.7 56.5
130 2.7 1.9 2.9
166 31.8 23.2 34.8

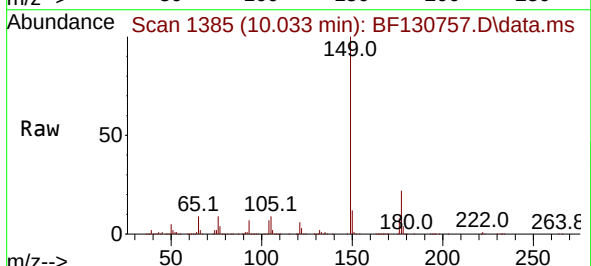
Manual Integrations

APPROVED

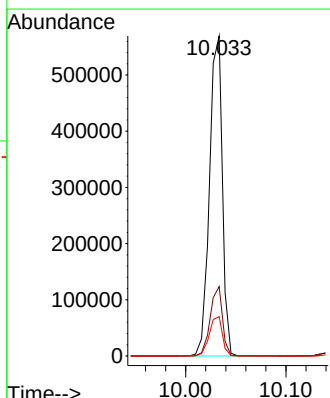
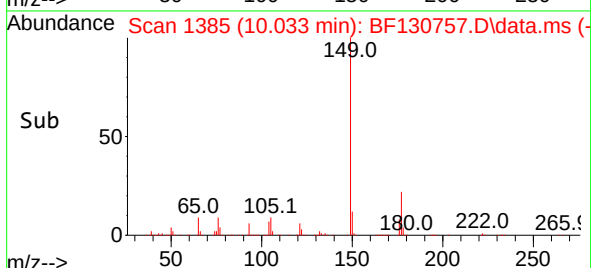
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

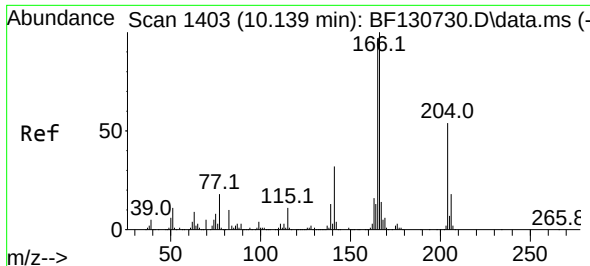


#60
Diethylphthalate
Concen: 37.825 ng
RT: 10.033 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



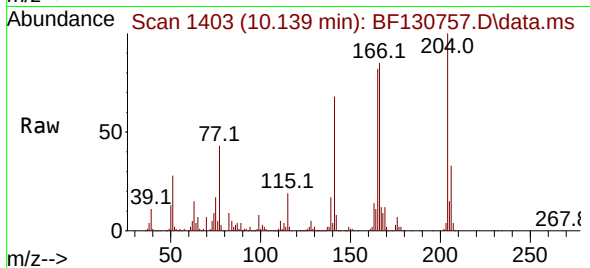
Tgt Ion:149 Resp: 508535
Ion Ratio Lower Upper
149 100
177 21.7 17.2 25.8
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.153 ng
RT: 10.139 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

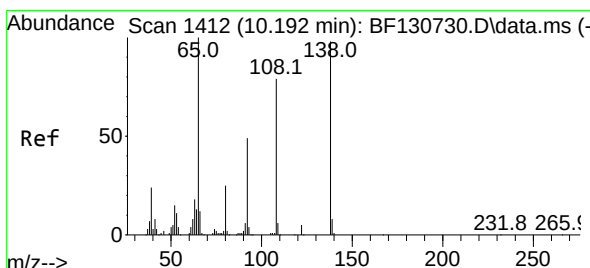
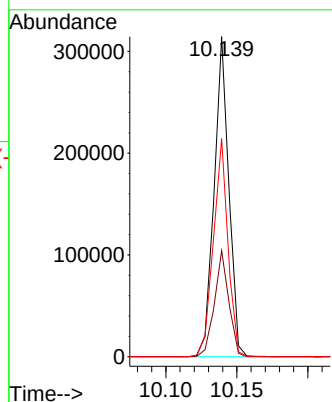
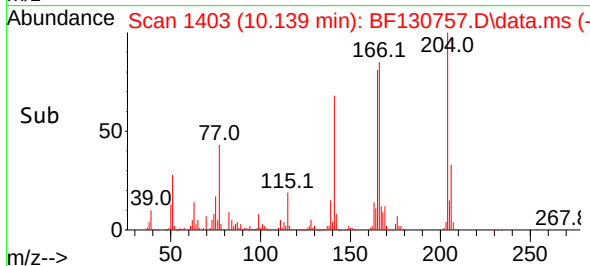
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



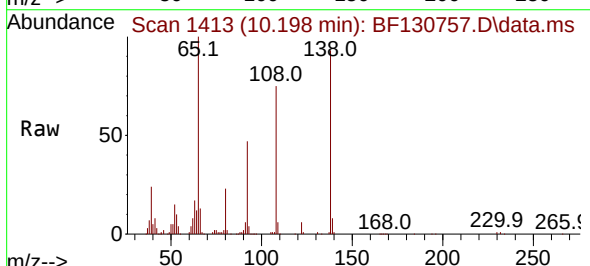
Tgt Ion:204 Resp: 22528
Ion Ratio Lower Upper
204 100
206 33.1 26.9 40.3
141 68.2 47.7 71.5

Manual Integrations
APPROVED

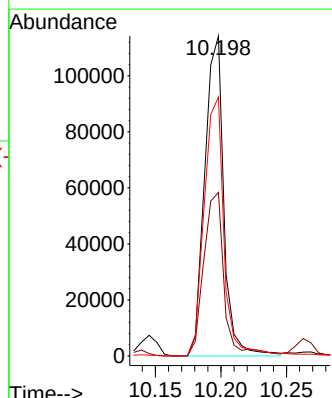
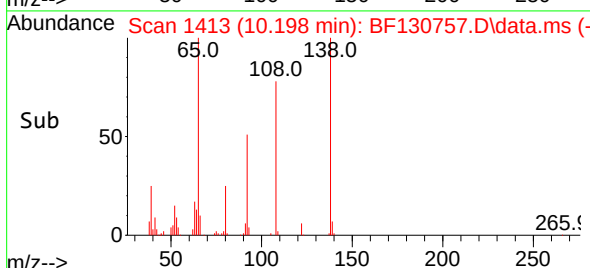
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

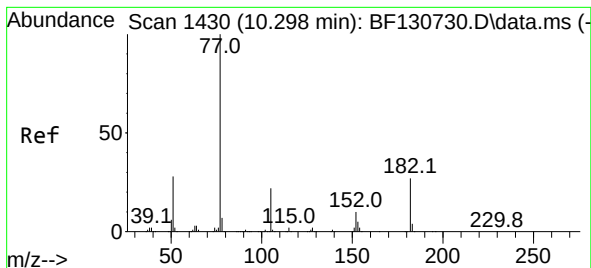


#62
4-Nitroaniline
Concen: 36.667 ng
RT: 10.198 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



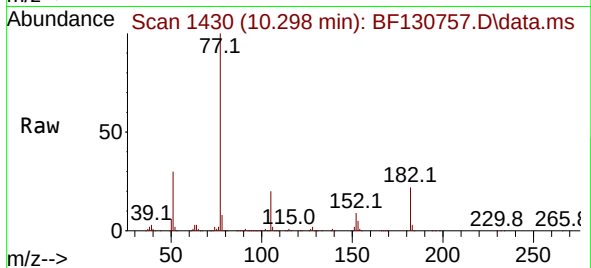
Tgt Ion:138 Resp: 115647
Ion Ratio Lower Upper
138 100
92 51.1 30.2 70.2
108 80.9 61.1 101.1





#63
Azobenzene
Concen: 42.685 ng
RT: 10.298 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

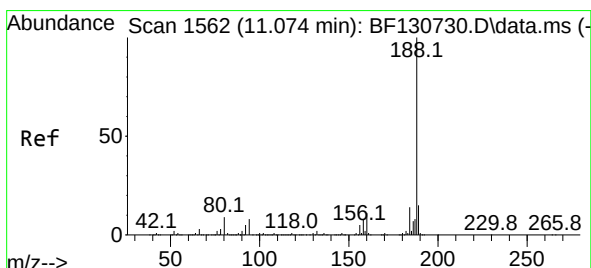
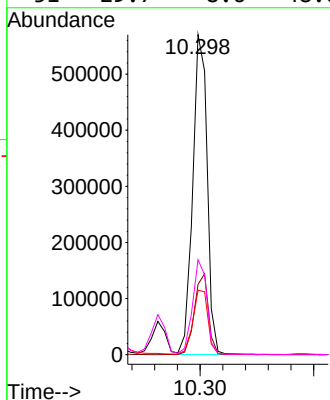
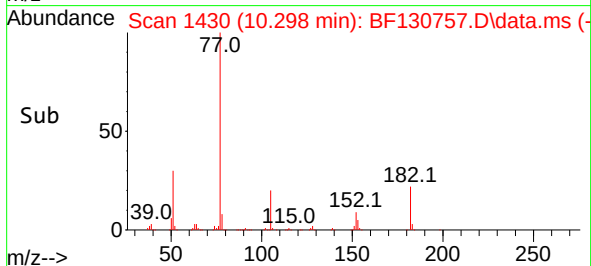
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



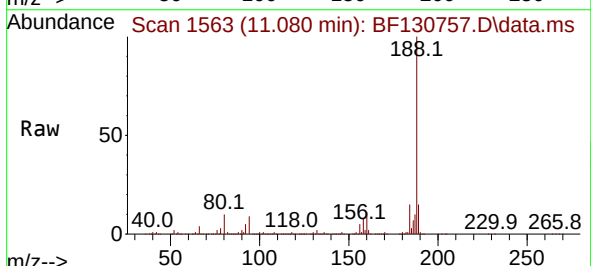
Tgt Ion: 77 Resp: 503860
Ion Ratio Lower Upper
77 100
182 22.0 7.3 47.3
105 20.2 1.9 41.9
51 29.7 8.6 48.6

Manual Integrations
APPROVED

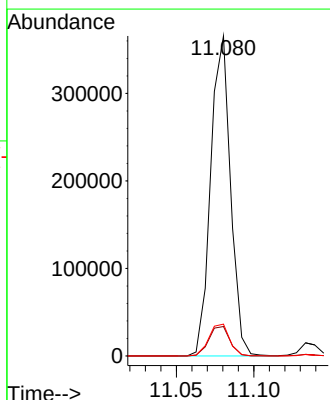
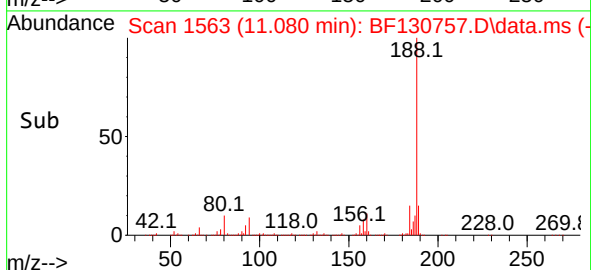
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

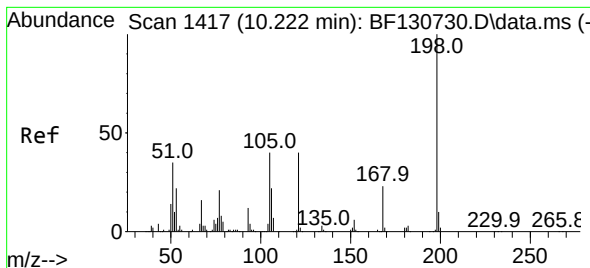


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



Tgt Ion:188 Resp: 325193
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.9 7.4 11.0





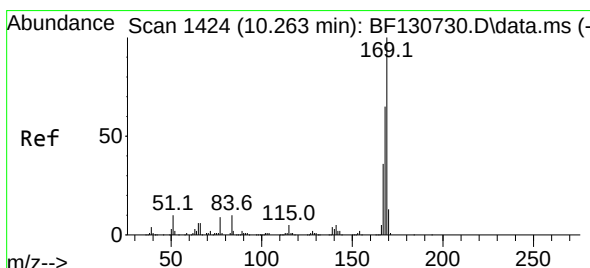
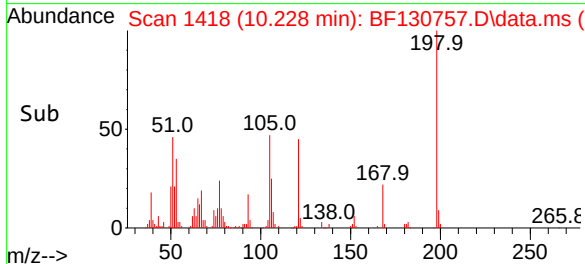
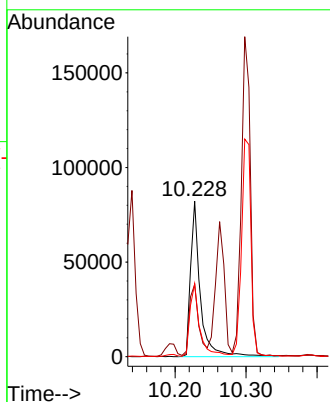
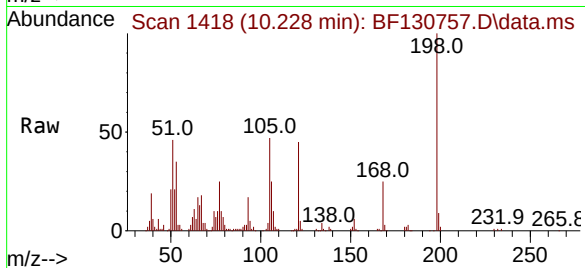
#65
4,6-Dinitro-2-methylphenol
Concen: 40.721 ng
RT: 10.228 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 79145
Ion Ratio Lower Upper
198 100
51 46.4 17.7 57.7
105 47.0 20.2 60.2

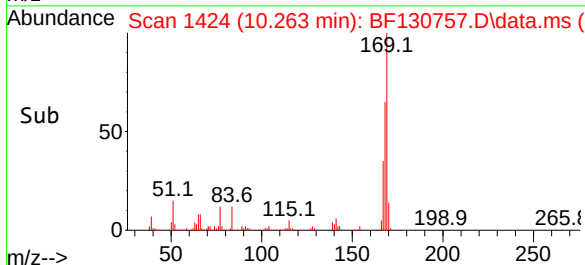
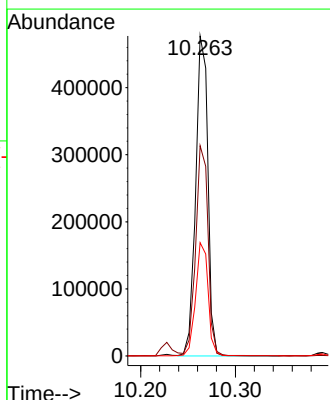
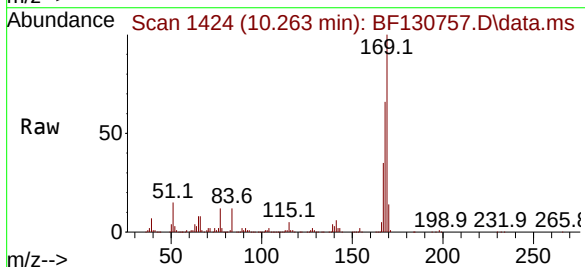
Manual Integrations
APPROVED

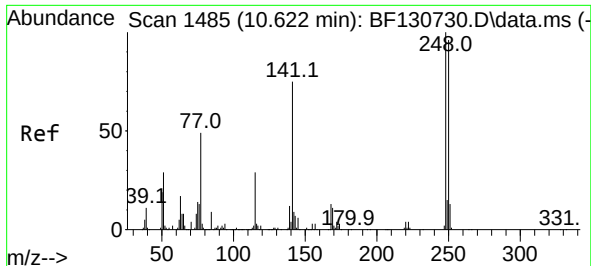
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#66
n-Nitrosodiphenylamine
Concen: 38.143 ng
RT: 10.263 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Tgt Ion:169 Resp: 427590
Ion Ratio Lower Upper
169 100
168 65.7 52.5 78.7
167 35.4 28.6 42.8





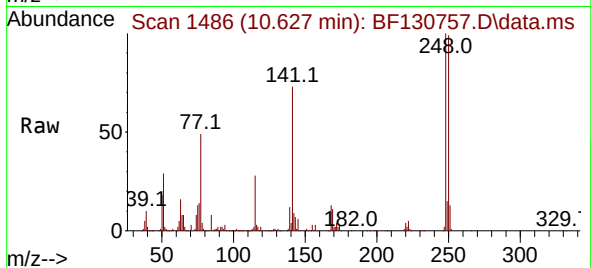
#67
4-Bromophenyl-phenylether
Concen: 37.991 ng
RT: 10.627 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

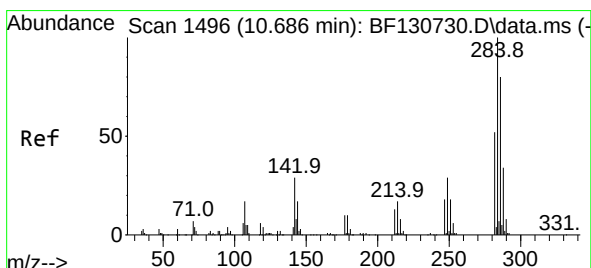
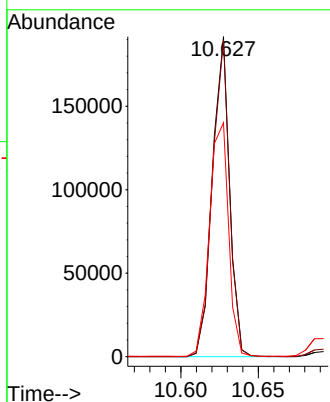
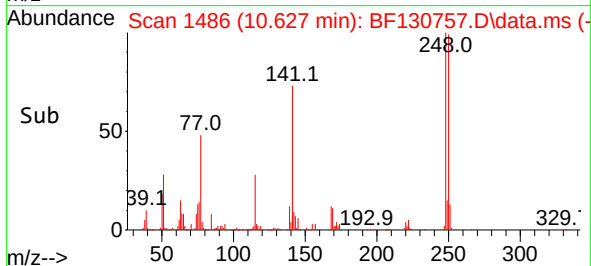


Tgt Ion:248 Resp: 148608
Ion Ratio Lower Upper
248 100
250 99.0 77.0 115.6
141 73.1 60.1 90.1

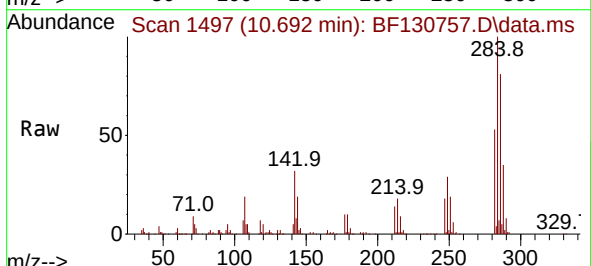
Manual Integrations

APPROVED

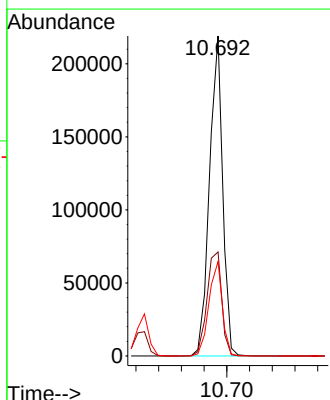
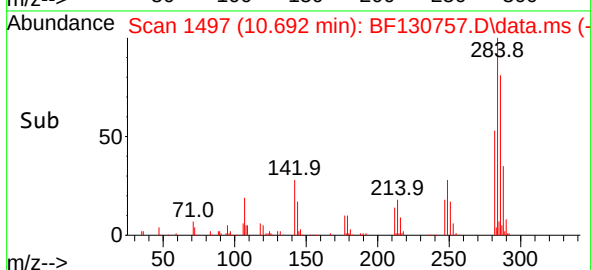
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

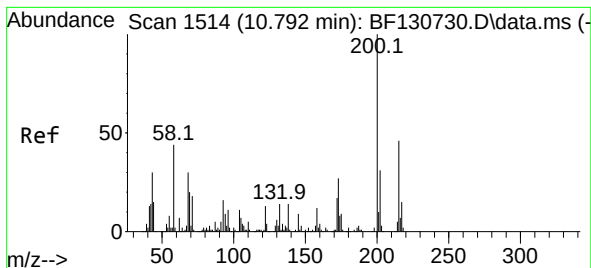


#68
Hexachlorobenzene
Concen: 39.387 ng
RT: 10.692 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



Tgt Ion:284 Resp: 176097
Ion Ratio Lower Upper
284 100
142 32.5 22.8 34.2
249 29.5 23.4 35.2





#69

Atrazine

Concen: 43.239 ng

RT: 10.798 min Scan# 1514

Delta R.T. 0.006 min

Lab File: BF130757.D

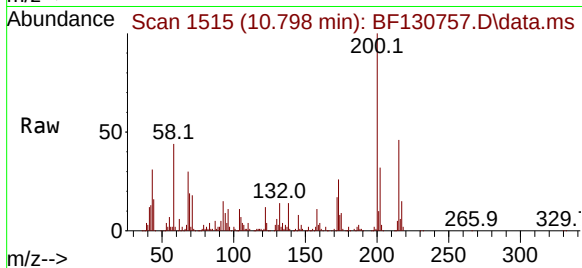
Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:200 Resp: 134238

Ion Ratio Lower Upper

200 100

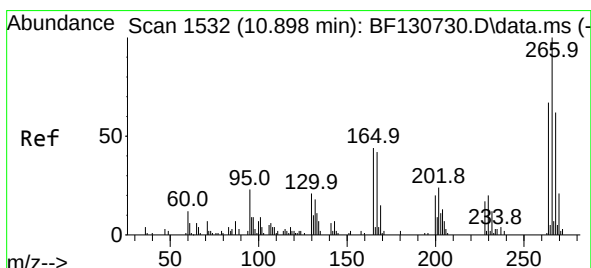
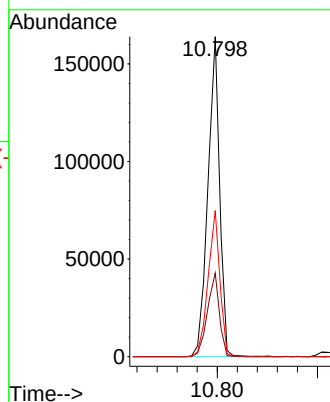
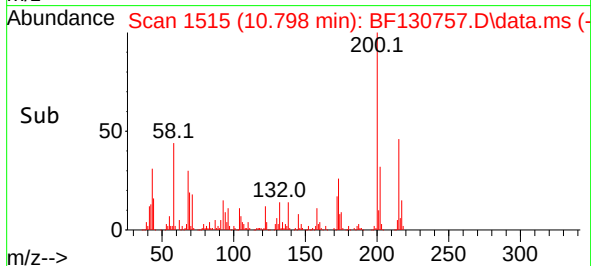
173 26.1 7.2 47.2

215 45.7 26.5 66.5

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#70

Pentachlorophenol

Concen: 40.384 ng

RT: 10.904 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

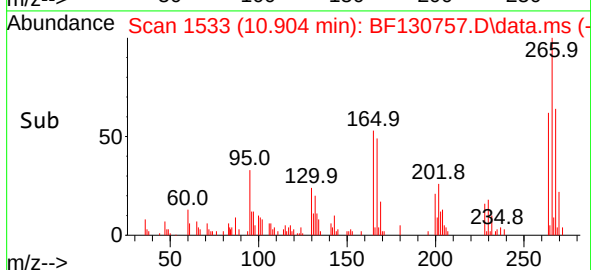
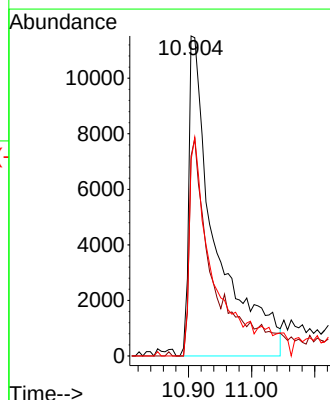
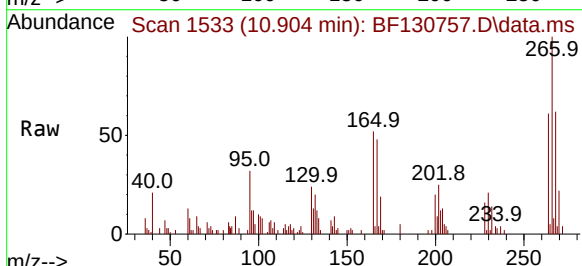
Tgt Ion:266 Resp: 33708

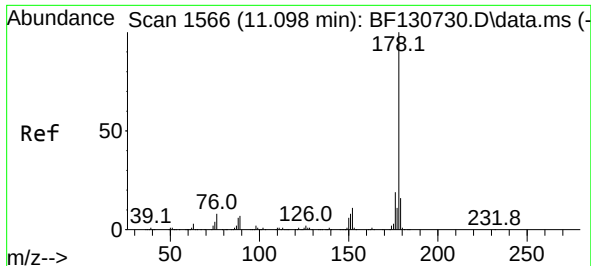
Ion Ratio Lower Upper

266 100

268 62.4 49.9 74.9

264 66.1 53.6 80.4





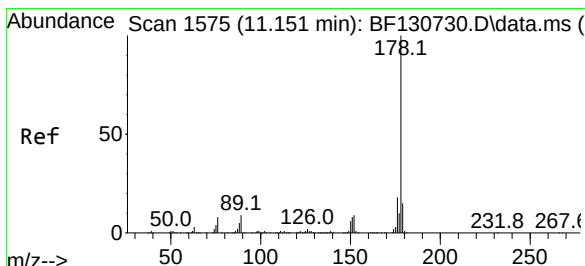
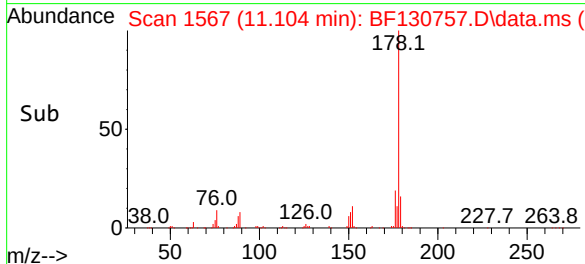
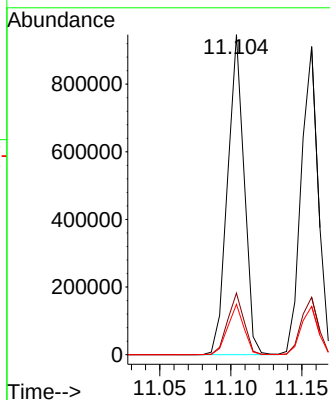
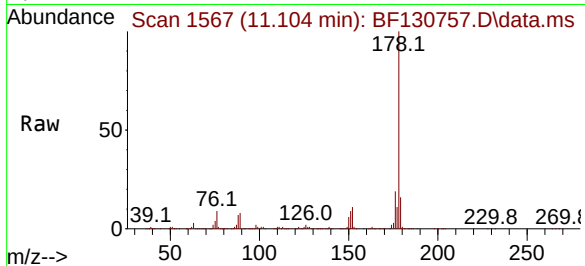
#71
Phenanthrene
Concen: 42.914 ng
RT: 11.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 765260
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.8 12.4 18.6

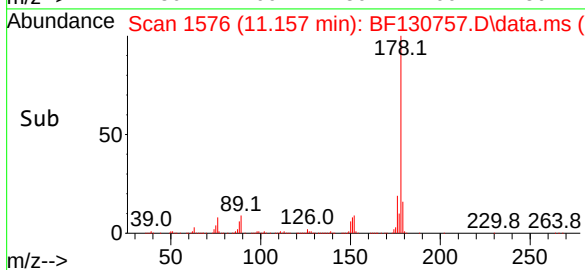
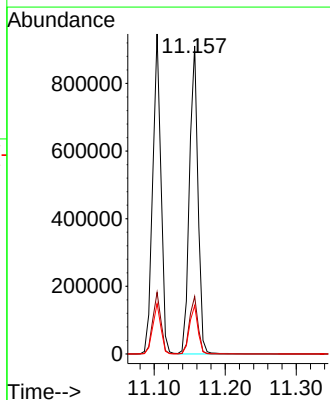
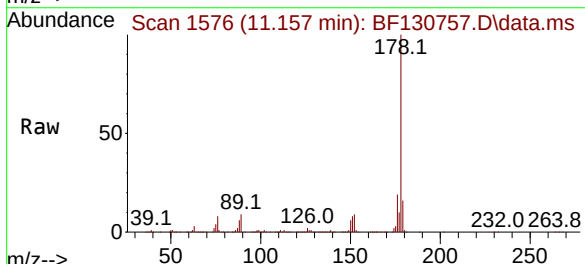
Manual Integrations
APPROVED

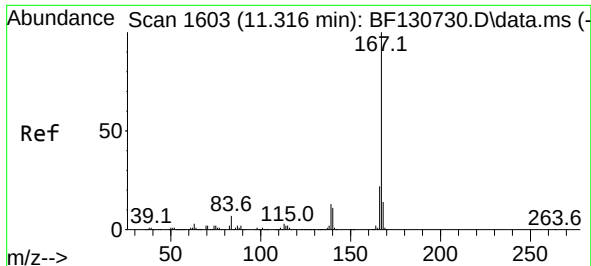
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#72
Anthracene
Concen: 42.722 ng
RT: 11.157 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

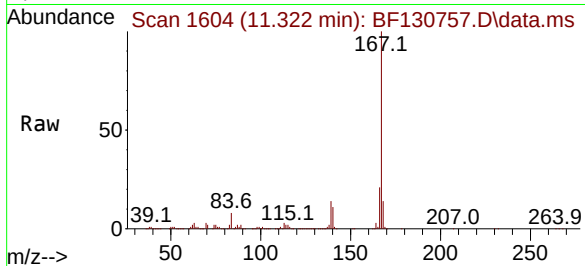
Tgt Ion:178 Resp: 760254
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.7 12.4 18.6





#73
Carbazole
Concen: 39.620 ng
RT: 11.322 min Scan# 1604
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

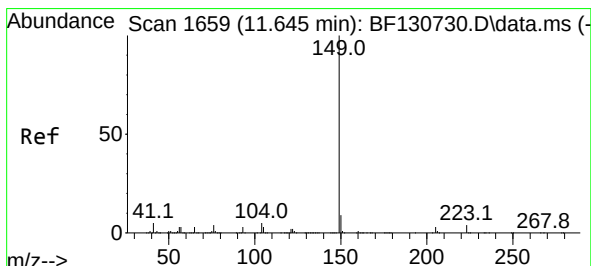
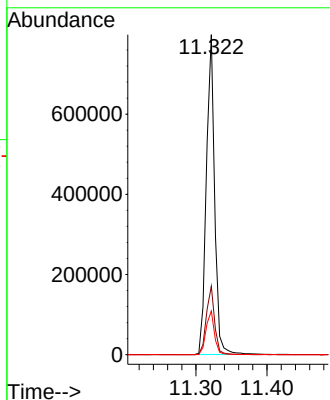
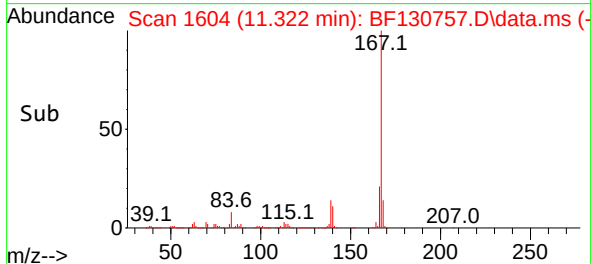
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



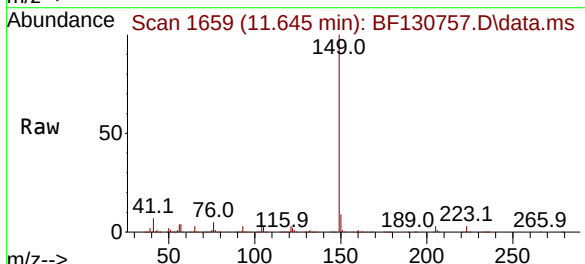
Tgt Ion:167 Resp: 650960
Ion Ratio Lower Upper
167 100
166 21.4 17.3 25.9
139 13.7 10.7 16.1

Manual Integrations
APPROVED

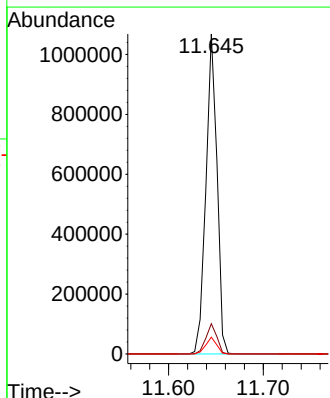
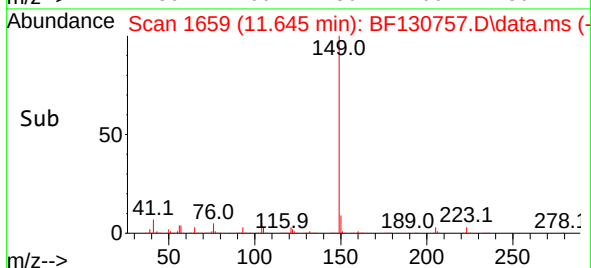
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

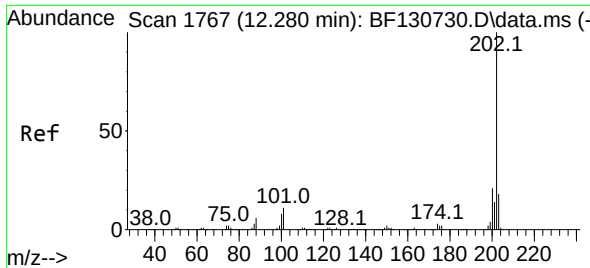


#74
Di-n-butylphthalate
Concen: 42.762 ng
RT: 11.645 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



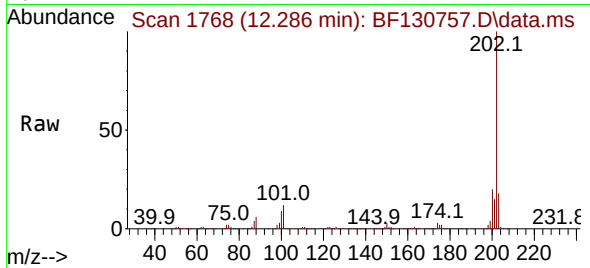
Tgt Ion:149 Resp: 864142
Ion Ratio Lower Upper
149 100
150 9.5 7.2 10.8
104 5.3 3.8 5.8





#75
Fluoranthene
Concen: 40.520 ng
RT: 12.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

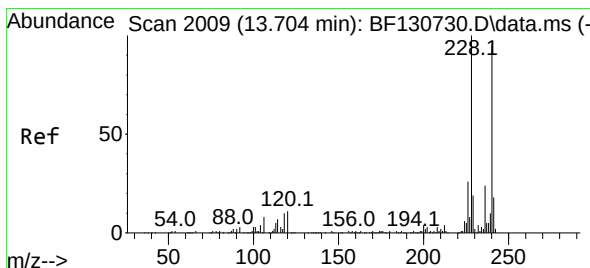
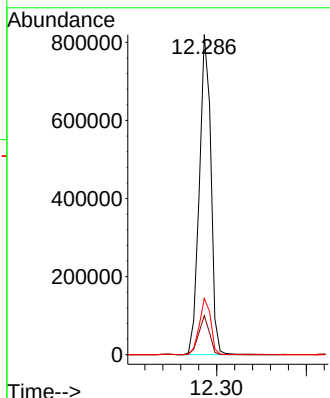
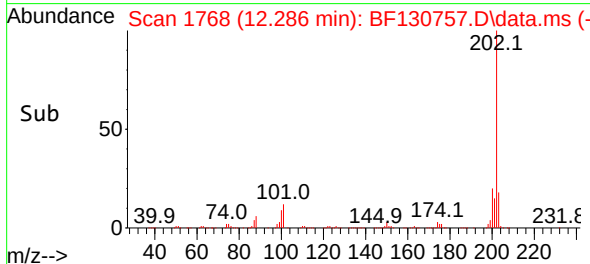
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



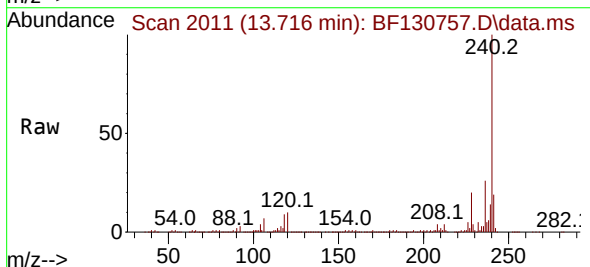
Tgt Ion:202 Resp: 730492
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.0
203 17.6 0.0 37.6

Manual Integrations
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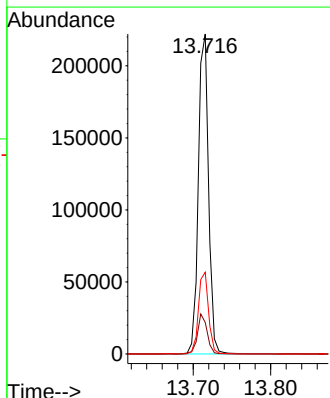
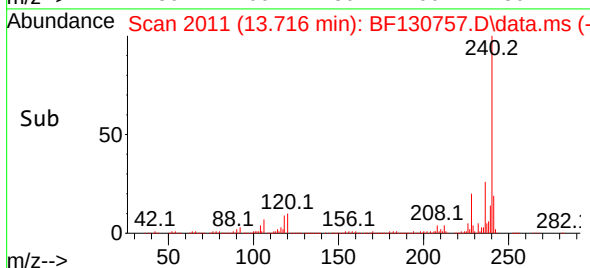
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

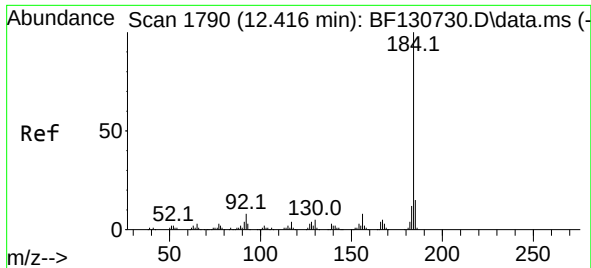


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.716 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



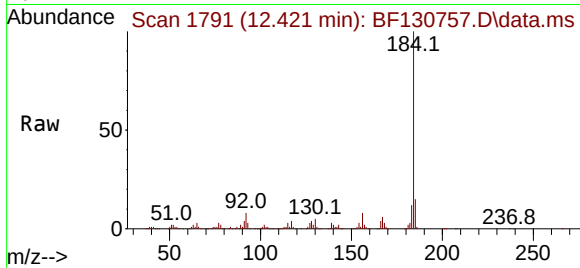
Tgt Ion:240 Resp: 202939
Ion Ratio Lower Upper
240 100
120 9.8 9.6 14.4
236 25.5 20.2 30.2





#77
Benzidine
Concen: 90.558 ng
RT: 12.421 min Scan# 1791
Delta R.T. 0.005 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

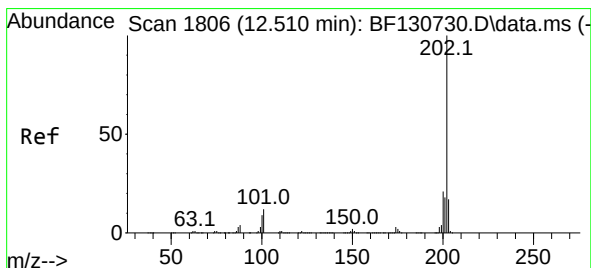
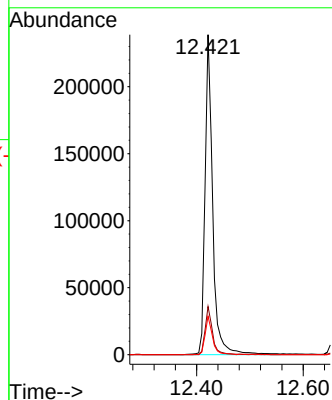
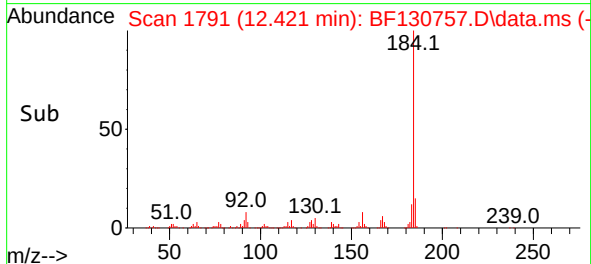
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



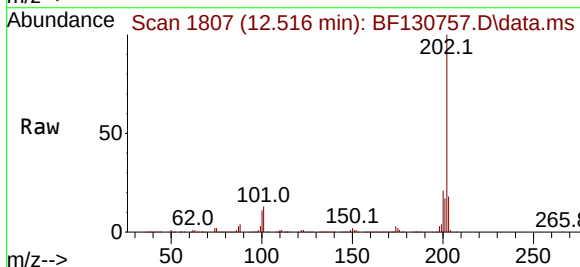
Tgt Ion:184 Resp: 23750
Ion Ratio Lower Upper
184 100
185 15.1 12.4 18.6
183 12.0 9.3 13.9

Manual Integrations
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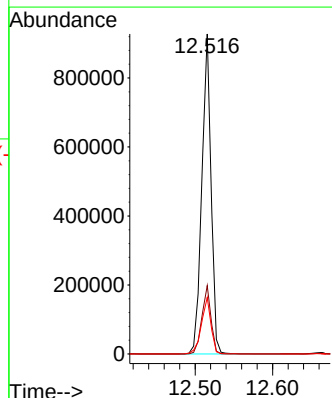
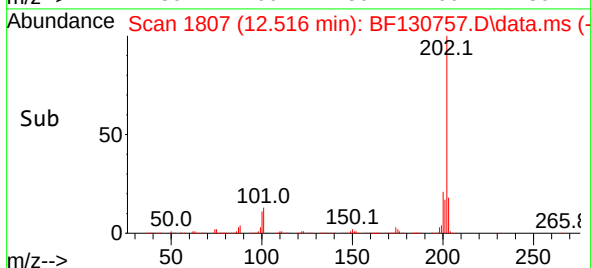
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

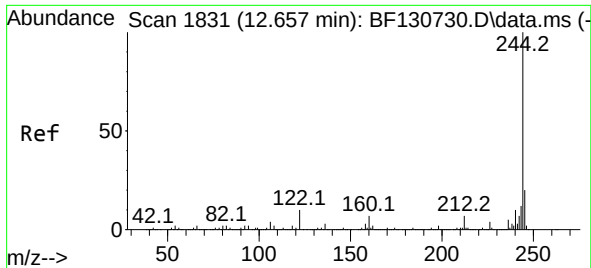


#78
Pyrene
Concen: 44.954 ng
RT: 12.516 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



Tgt Ion:202 Resp: 765758
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.7 13.8 20.8





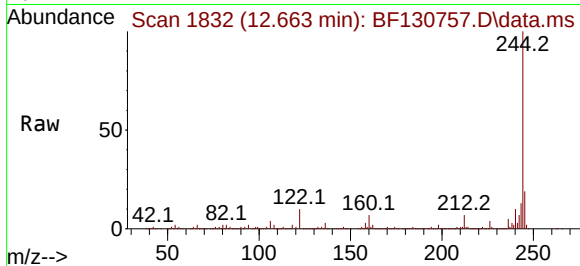
#79
 Terphenyl-d14
 Concen: 83.763 ng
 RT: 12.663 min Scan# 1831
 Delta R.T. 0.006 min
 Lab File: BF130757.D
 Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

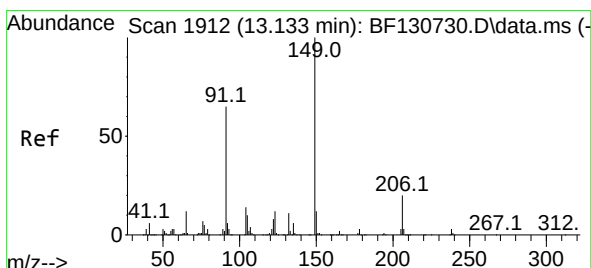
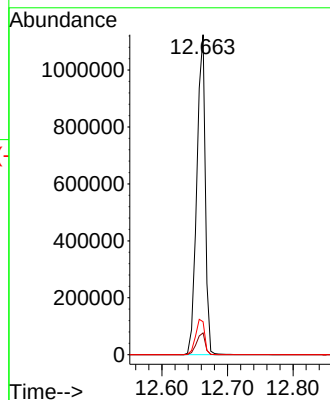
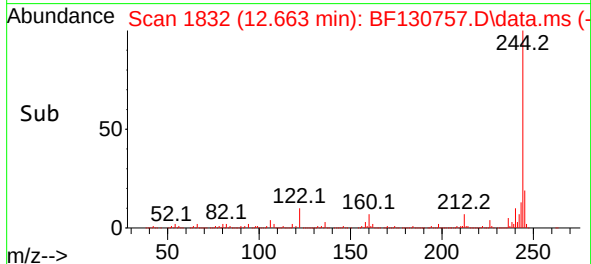


Tgt Ion:244 Resp: 1008720
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.3 8.2 12.4

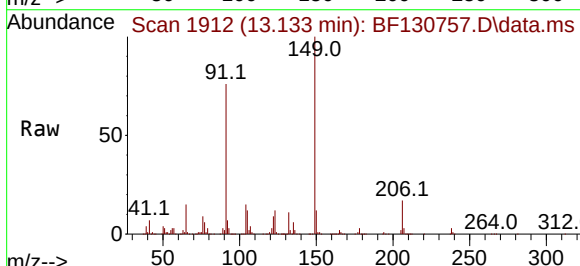
Manual Integrations

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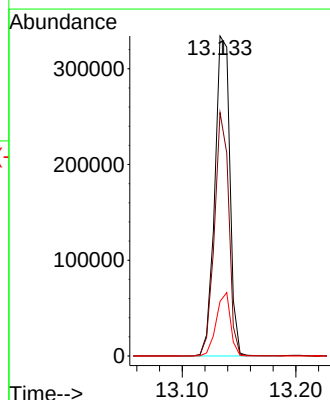
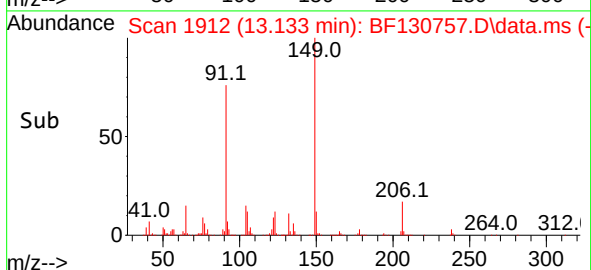
Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

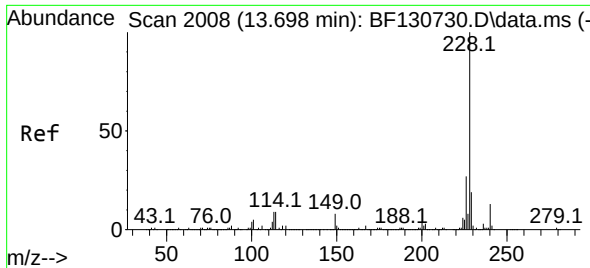


#80
 Butylbenzylphthalate
 Concen: 45.582 ng
 RT: 13.133 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: BF130757.D
 Acq: 24 Oct 2022 11:57



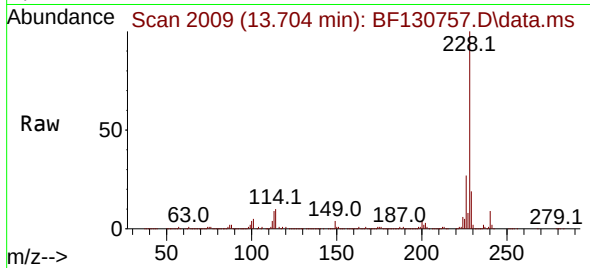
Tgt Ion:149 Resp: 308098
 Ion Ratio Lower Upper
 149 100
 91 76.0 52.3 78.5
 206 17.1 16.3 24.5





#81
Benzo(a)anthracene
Concen: 41.753 ng
RT: 13.704 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

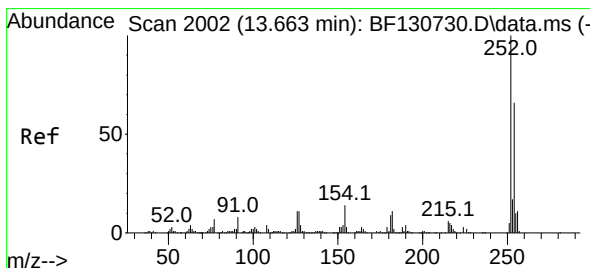
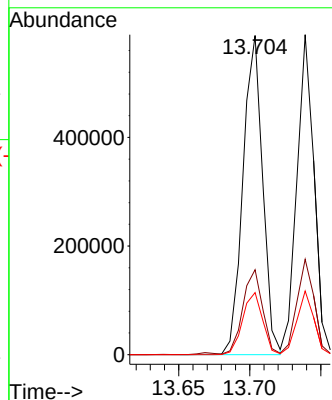
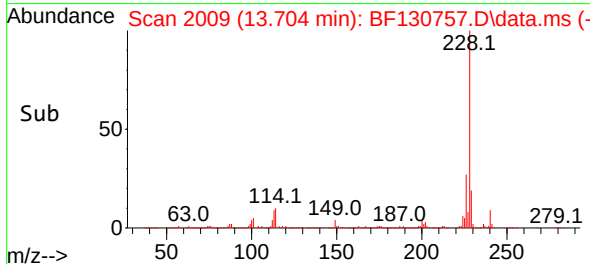
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



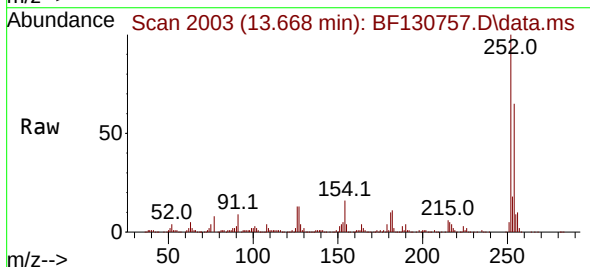
Tgt Ion:228 Resp: 566160
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.5 15.4 23.2

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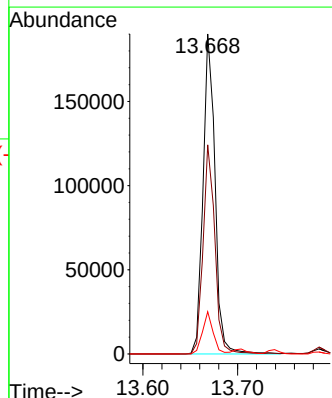
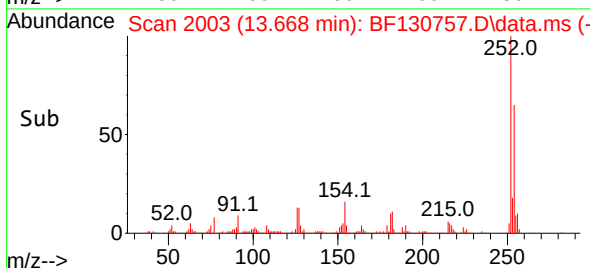
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

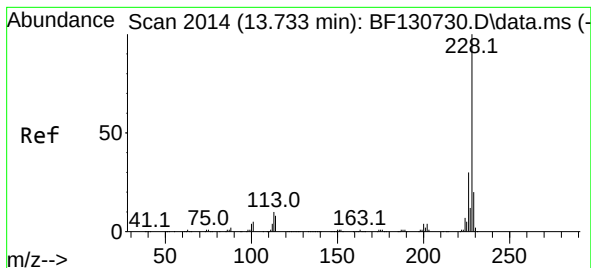


#82
3,3'-Dichlorobenzidine
Concen: 42.603 ng
RT: 13.668 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



Tgt Ion:252 Resp: 167762
Ion Ratio Lower Upper
252 100
254 65.4 52.4 78.6
126 13.2 9.0 13.4





#83

Chrysene

Concen: 37.848 ng

RT: 13.739 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 497259

Ion Ratio Lower Upper

228 100

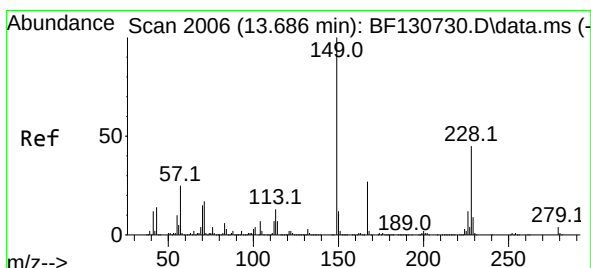
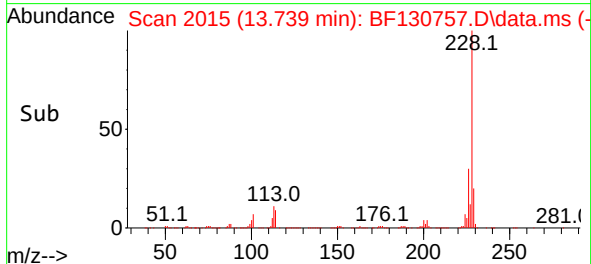
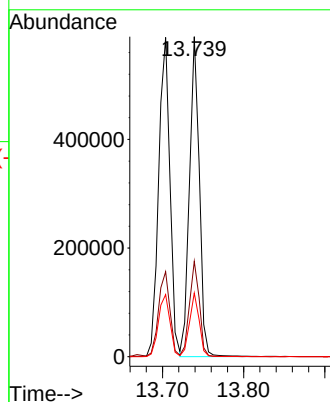
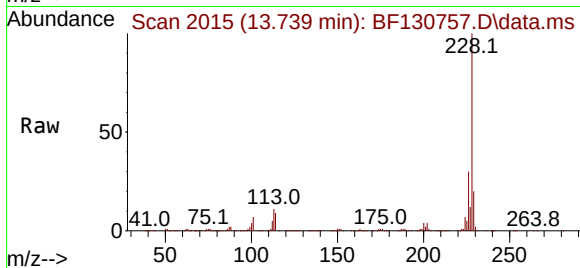
226 29.8 23.6 35.4

229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.092 ng

RT: 13.692 min Scan# 2007

Delta R.T. 0.006 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

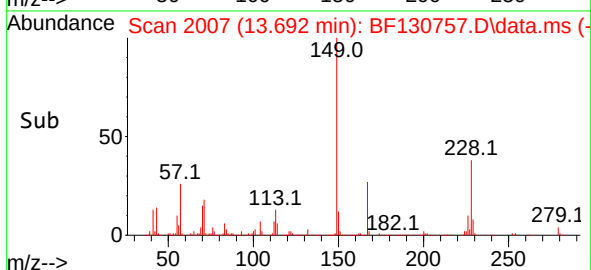
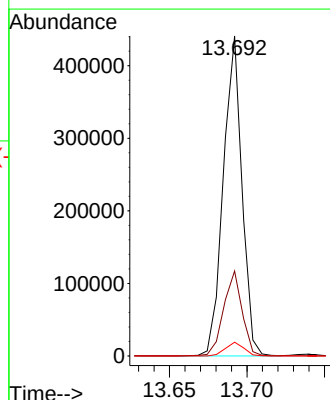
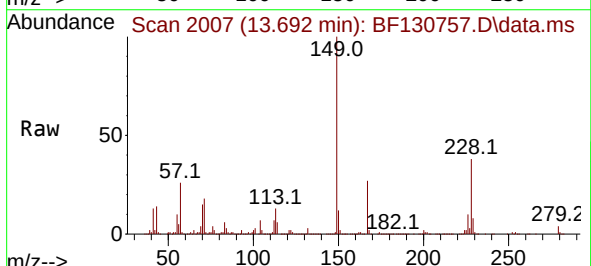
Tgt Ion:149 Resp: 369059

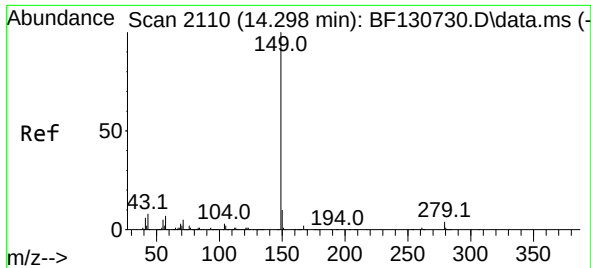
Ion Ratio Lower Upper

149 100

167 26.6 21.5 32.3

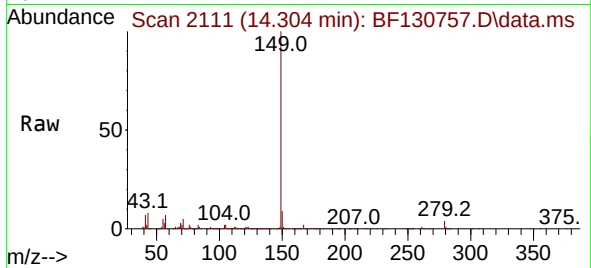
279 4.3 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 43.479 ng
RT: 14.304 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57

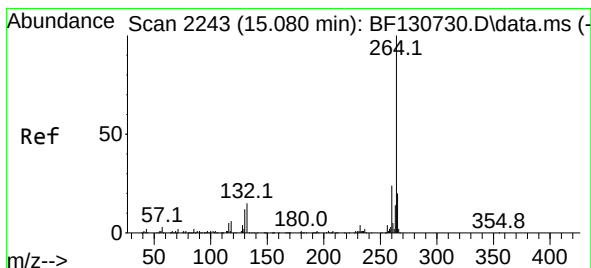
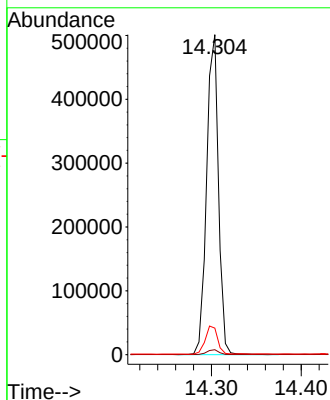
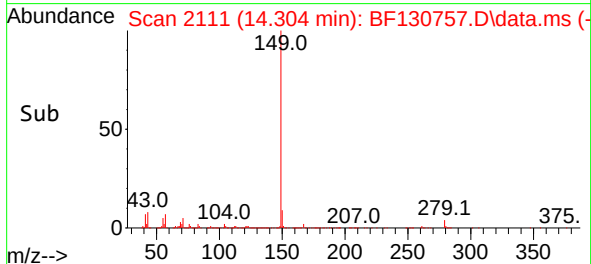
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



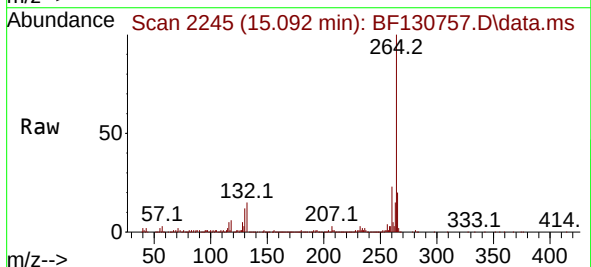
Tgt Ion:149 Resp: 458960
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.1 7.0 10.4

Manual Integrations
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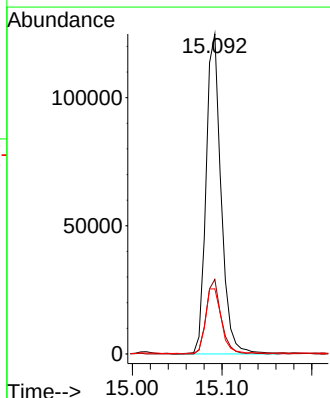
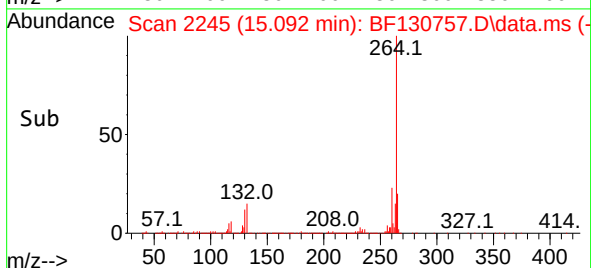
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

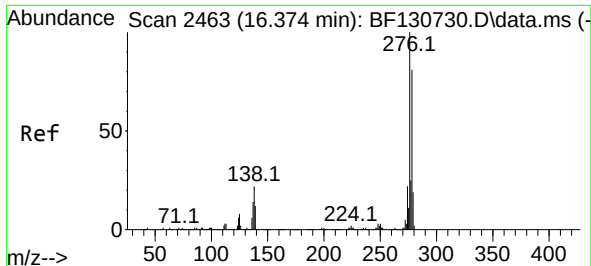


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.092 min Scan# 2245
Delta R.T. 0.012 min
Lab File: BF130757.D
Acq: 24 Oct 2022 11:57



Tgt Ion:264 Resp: 145231
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 20.4 16.2 24.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.786 ng
 RT: 16.392 min Scan# 2466
 Delta R.T. 0.018 min
 Lab File: BF130757.D
 Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

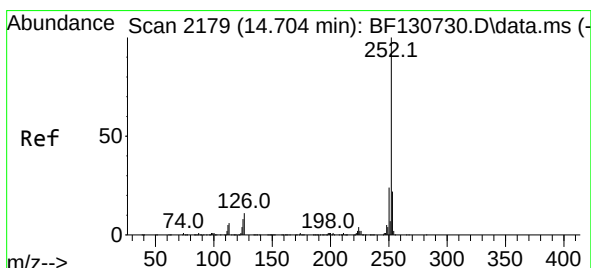
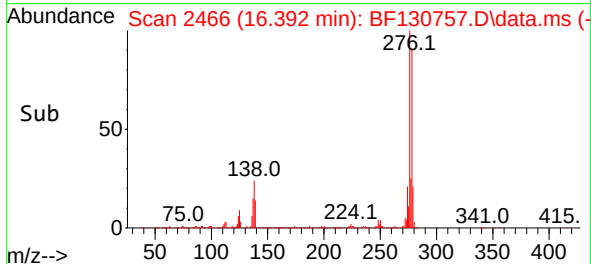
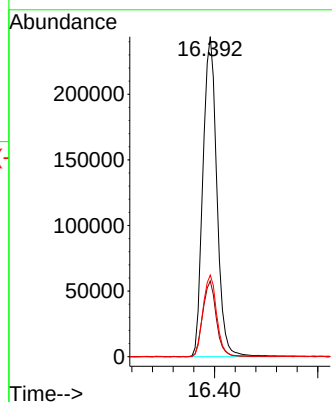
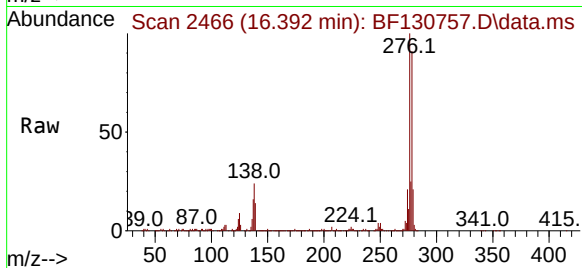
SSTDCCC040

Tgt Ion:276 Resp: 456068
 Ion Ratio Lower Upper
 276 100
 138 23.1 17.2 25.8
 277 25.2 20.1 30.1

Manual Integrations

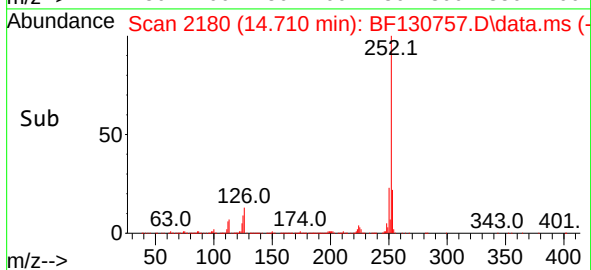
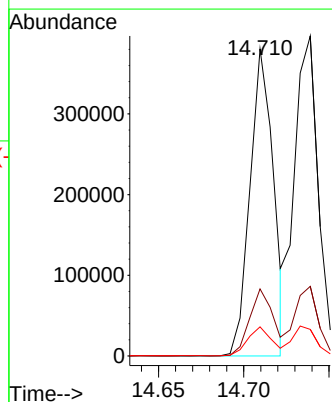
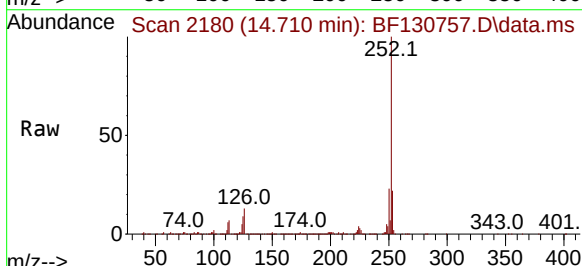
APPROVED

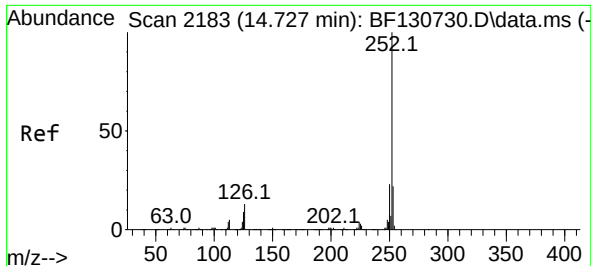
Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#88
 Benzo(b)fluoranthene
 Concen: 37.765 ng
 RT: 14.710 min Scan# 2180
 Delta R.T. 0.006 min
 Lab File: BF130757.D
 Acq: 24 Oct 2022 11:57

Tgt Ion:252 Resp: 365185
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 9.5 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 40.029 ng

RT: 14.739 min Scan# 2183

Delta R.T. 0.012 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 388880

Ion Ratio Lower Upper

252 100

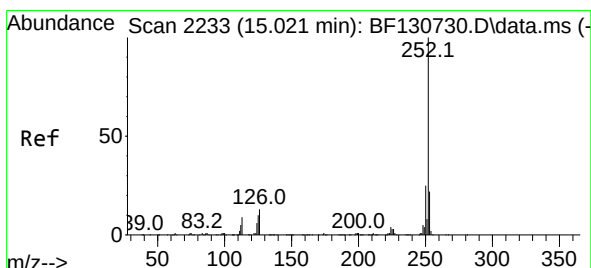
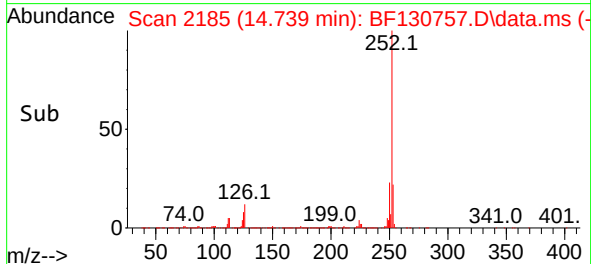
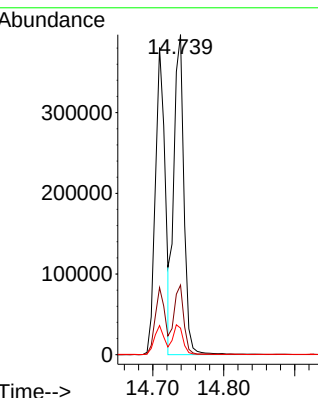
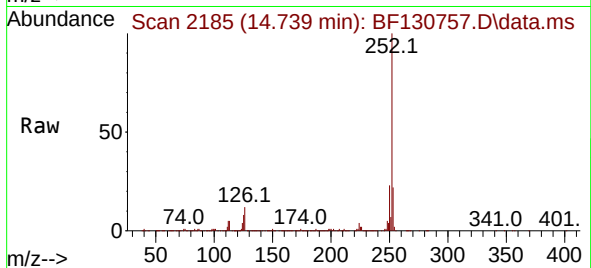
253 21.8 17.7 26.5

125 8.3 7.2 10.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#90

Benzo(a)pyrene

Concen: 40.580 ng

RT: 15.033 min Scan# 2235

Delta R.T. 0.012 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

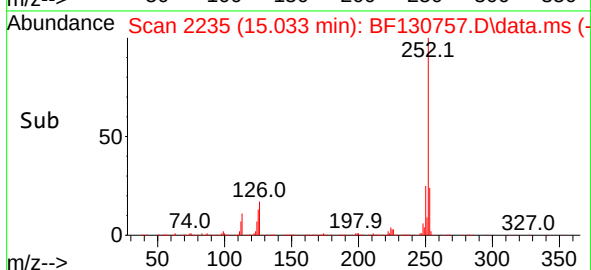
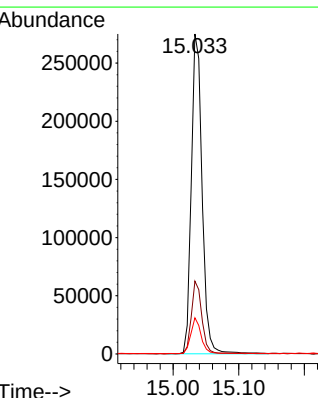
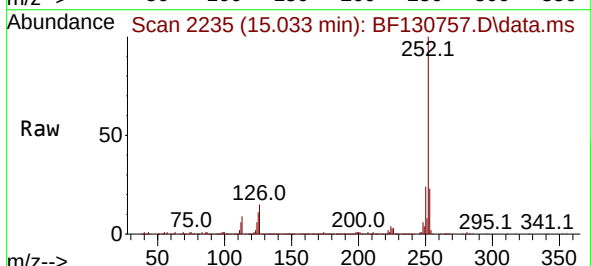
Tgt Ion:252 Resp: 315167

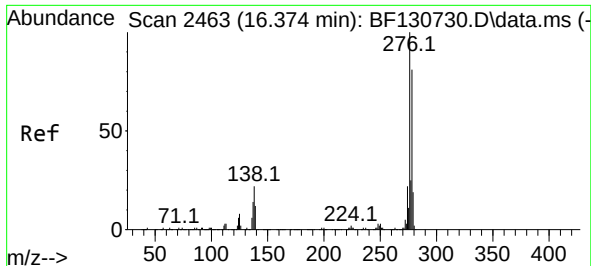
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 11.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.136 ng

RT: 16.392 min Scan# 2466

Delta R.T. 0.018 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 379874

Ion Ratio Lower Upper

278 100

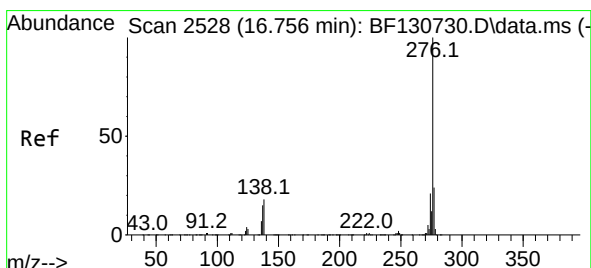
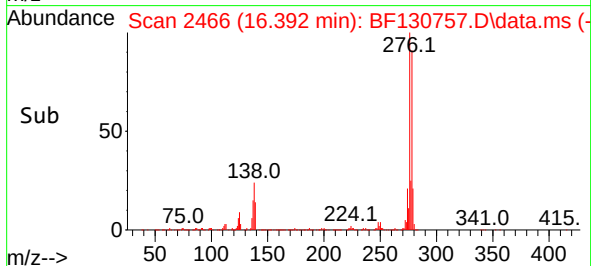
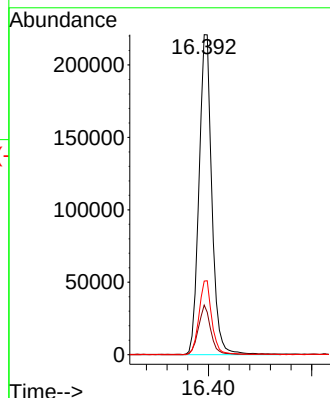
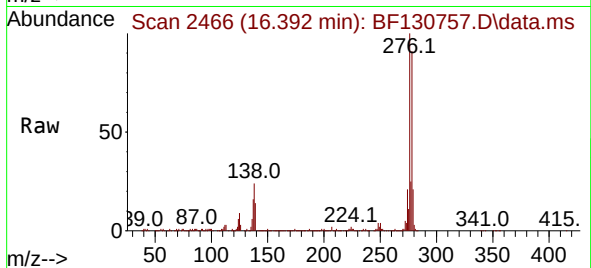
139 15.5 11.4 17.0

279 23.0 18.4 27.6

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#92

Benzo(g,h,i)perylene

Concen: 48.122 ng

RT: 16.780 min Scan# 2532

Delta R.T. 0.024 min

Lab File: BF130757.D

Acq: 24 Oct 2022 11:57

Tgt Ion:276 Resp: 415387

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 20.0 14.2 21.2

